

JANUARY
2012



GENERAL INDEX



BOILERS

- condensing
- atmospheric
- steel, gas and diesel oil

5



RENEWABLE ENERGIES

- boilers / tanks
- solar panels
- heat pumps
- air conditioning terminals

73



INDUSTRIAL

- steam generators
- overheated water generators
- high efficiency heating water generators
- expansion vessels
- water booster and pressurization groups

101

GENERAL SALE CONDITIONS

122

SALE AGENCY

123

Energy saving systems

SILE project and manufacture heating and air conditioning **systems** for the **energy saving** and the environmental **sustainability** that are the goals of the present and the future and the guidelines of our technological development.

The new series of heat pumps and hybrid integrated systems SILECLIMA alongside the range of solar systems SILESOLE complete our product program for the exploitation of renewable energies.

CONDENSA boilers have the technology for more efficient use of natural gas, conventional fossil fuel whose use must be increasingly optimized.

The selection of boilers and accumulators in AISI 316 stainless steel is the best in terms of environmental sustainability as these products are fully recyclable at the end of their long life cycle.

Systems, energy saving, sustainability: three words to think about the future, 960 products in this list for it to be our present.



Communication

Sile communication uses multiple means to meet the information needs of all professionals who work with the company.

- product catalogues
- OMNIA SILE, full manuals program, exploded view, technical data, drawings, all products certifications
- website www.sile.it
- www.facebook.com/silespa



Safety of Assistance

Sile offers qualified service through a network of authorized service centers that regularly participate in training courses at the technical laboratory of the company and have all the legal requirements necessary.

For each request for assistance send an e-mail:

assistenza@sile.it

Complete list of service centers: C.A.T. on www.sile.it

Monoblocco / Package Sile

The symbol **M** - **Package Sile** - identifies products "plug and play"; these are ready to use and able to simplify installation because they have the most important accessories to complement the product itself as, for example, water booster package, certified as "ASSEMBLY", tanks with solar control and pump unit already mounted; the boiler CONDENSA 50M complete with all the safety I.N.A.I.L.

In our price list you will find many products bearing the symbol **M** that represent an added service that Sile is able to offer the thermohydraulic installer.



Be specialists

We think the strength of a company lies in the ability to offer effective solutions to satisfy specific needs which is to be specialists.

Heat the water is our speciality, a trade learnt many years ago and developed with great care and creativity.

The result is a range of complete products for heating, lifting and water storage, to give warmth to our homes and for many industrial processes of our factories.

The power of technology for a sustainable future

Stainless steel processing is the symbol of the high values of Sile. Stainless steel AISI 316 is the universal material of the future to give concrete answers to the needs of environmental protection, product quality and safety of use.

High resistance to corrosion, excellent mechanical properties, the high degree of recycling and hygiene of the surfaces give to stainless steel life-cycle costs advantageous and long durability; the best solution for producing hot water in a sustainable way.

A complete range that differs

Not all the boilers are equal. All our boilers offer special quality characteristics that differentiate the product on the market. It's useful to see the details!



Problems with the old dirty plants? Ad hoc solutions with the new specific condensing models

CONDENSA JET offers a sanitary heat exchanger at volume that solves the problem of clogging of the plate heat exchanger.

CONDENSA FOREVER goes even further with the addition of a group circuit breaker which separates the primary circuit of the boiler from the heating, ensuring long life of the primary heat exchanger on which we offer as standard five years warranty!

Stainless steel boilers for a large production of hot sanitary water

All the models with storage are made with our exclusive design and manufacture of very high quality and performance standards. All thermal power is exchanged in order to ensure continuous production of a large hot water and satisfy even the most demanding requirements.

User friendly

All the condensing models, even cheaper ones, have a large display for the visualization of all the parameters of the boiler and three knobs to make always easy adjustment.

Advanced electronic solutions

There are many examples of electronic features designed to improve product reliability and performance. For example, Superapida boilers have a special dual function anti-limescale for the protection of the heat exchanger. All the Condensa boilers have a standard function SART (automatic selection of the operating range) for systems with dual temperature that optimizes boiler working and guarantee, in any condition, the best performance possible.

Hybrid integrated systems

Our new hybrid integrated systems are designed to meet the needs of the new D.L. 3.3.2011 n. 28, which promotes the use of renewable energy in air conditioning of buildings.

We think that the hybrid solution that includes two or more energy sources and a control system called the Energy Manager, is the most suitable to meet new regulatory requirements (20% of the total heat demand for air conditioning of buildings will be made with renewable sources in new buildings from May 2012).

We consider that the hybrid solution is very interesting also to achieve significant energy savings in existing building stock, often very old and very low average energy class, in which the only renewable source (heat pump or solar thermal) is insufficient to ensure the required comfort or it is not convenient from the economic point of view.



Energy Manager

The Energy Manager is a unique new electronic management system which allows air conditioning systems with different energy sources with the range of condensing gas boilers **CONDENSA**, the new heat pumps **SILECLIMA** and the solar panels **SILESOLE** and turn the heat source cheaper at any time of day depending on energy cost, the outside temperature and the desired comfort.

- Integrated and efficient heating, cooling and air handling, in cascade systems, thermal modules and hydraulic separators
- Optimization of comfort and consumption based on the cost and availability of energy sources, coordinating the use of different generators and accumulators available
- Estimation of gas, electricity and other sources of energy and configuration of fuel cost.

The boiler, reliable heart of the new installations for energy saving

The boiler for hot sanitary water production or thermo-accumulator in the case of multi-energy systems are the heart of new installation for energy saving. The need to use renewable sources and to work at low temperature implies the use of an accumulation of large capacity. The heart must be efficient and reliable.



Wide range

We have expanded our range of boilers and thermo-accumulators to meet these new system requirements.

We are specialist in the construction of storage tanks in AISI 316 stainless steel , vitrified, galvanized or painted with the new Silver interior treatment.

The stainless steel boilers are the top of the range:

- high performance heat exchange to work at low temperature with heat pumps and solar panels
- high corrosion resistance and durability
- high degree of recyclability at the end of the life cycle even through removable insulation
- high insulation to better preserve the accumulated heat with renewable energies

The "assembly" in pressure vessels

In the field of pressure equipment, we are specialized in "assembly" manufacture. There is a fundamental difference between a product certified as "equipment" and one as "assembly".

It is a difference that defines the way we work and the quality of product that we offer to our customers.



The European Directive 97/23/CE - P.E.D.

An **assembly** is composed of a tank or a boiler body and all the equipment and accessories for setting and safety already assembled and tested such as to constitute an integrated and working whole equipment.

At the end of the installation of accessories, we provide the certification of conformity according to PED 97/23/EC. The certification is provided and included in the selling price of the assembly. The customer is provided of a Assembly manual with complete design, operating and maintenance manuals of all components and certification of the Notified Body.

The assembly can be put into service without first check of installation, so without additional cost to the user. The user needs only to inform INAIL of the put into service of the equipment.

The **equipment** is instead a tank or a boiler without accessories. In this case, after the installation of accessories provided by the installer and before the put into service, it is necessary to proceed with the documentation of assembly to a Notified Body with additional cost to the user.

The purchase of an "assembly" instead of "equipment" assures the client and the user of the quality of the product.



BOILERS

CONDENSING BOILERS

	pag.
WALL HUNG until 35 kW	
istantaneus	CONDENSA R 5
istantaneus with stainless steel microstorage	CONDENSA JET 6
istantaneus with stainless steel microstorage and circuit breaker	CONDENSA FOREVER 7
only heating and remote boiler	CONDENSA N3V 8
complete thermo installations with CONDENSA N3V, RT solar panel and solar boiler	COMBIPACK 9
storage with 58 liters boiler	CONDENSA BI 10
compact storage with 42 liters boiler	CONDENSA BI COMPACT 11
built in system with boiler for heating and istantaneous sanitary hot water (SHW) production	SISTEMA CONDENSA R - N3V 12
built in system with compact storage boiler	SISTEMA CONDENSA BI COMPACT 13
STAND FLOOR until 35 kW	
storage with 42 liters boiler	CONDENSA BI T 14
storage with 150 liters boiler	CONDENSA MAXINOX 15
storage with 150 liters boiler and different zones temperature heating	CONDENSA MAXINOX TBA.M 16
storage with 150/210 liters boiler with solar integration	CONDENSA MAXISOL 17
storage with 150/210 liters boiler with solar integration & different zones temperature heating	CONDENSA MAXISOL TBA.M 18
BUILT IN SYSTEM WITH SOLAR	
built in system with istantaneous SHW production and solar integration (one heat exchanger)	SIM R 19
built in system with 150 liters storage SHW production and solar integration (double heat exchanger)	SIM150 N3V 20
built in system with 230 liters storage SHW production and solar integration (double heat exchanger)	SIM230 N3V 21
WALL HUNG over 35 kW	
single only heating for boiler room and for outdoor installation	CONDENSA M - MC 23
single for outdoor installation	CONDENSA Esterne 24
in cascade for boiler room until 200 kW	CASCATA 26
in cascade for boiler room until fino 400 kW	DUOCASCATA 28
STAND FLOOR over 35 kW	
thermal modules for boiler room or outdoor installation until 200 kW	MC 30
thermal modules for boiler room or outdoor installation until 400 kW	MDC 32
thermal modules for boiler room or outdoor installation until kW	MDC alta potenza 34
single only heating for boiler room	CONDENSA TM - TMC 36
THERMAL MODULES FOR SINGLE USER FOR CENTRALIZED PLANT	
accounting, heating water and eventual sanitary hot and cold water production	SILESAT C 37
CONDENSING HYDRAULIC KIT AND ACCESSORIES	38
CONDENSING EXHAUST SMOKE	45

ATMOSPHERIC BOILERS

	pag.
WALL HUNG SEALED CHAMBER	
istantaneus (also for external installation)	SUPERAPIDA R 51
istantaneus	SUPERAPIDA.COM 52
istantaneus with stainless steel microstorage	SUPERAPIDA R JET 53
only heating	SUPERAPIDA N3V 54
WALL HUNG OPEN CHAMBER	
istantaneus	SUPERAPIDA SA R 55
istantaneus with stainless steel microstorage	SUPERAPIDA SA R JET 56
STAND FLOOR SEALED CHAMBER	
storage with 120 liters boiler	SUPERAPIDA MAXINOX 57
WALL HUNG WITH STAINLESS STEEL BOILER	
sealed chamber	TURBINOX 58
open chamber	SA INOX 59
ATMOSPHERIC HYDRAULIC KIT AND ACCESSORIES	60
ATMOSPHERIC EXHAUST SMOKE	63

GAS AND DIESEL OIL STEEL BOILERS

	pag.
with stainless steel boiler and reduced temperature	INOXCELL AR 70
only heating with stainless steel boiler	110 N AR - 111 BI INOX AR 70
only heating - pressurized	P.AR 71



CONDENSA R



5.24 - 5.28 - 5.32 R ★★★★★

Wall hung pre-mix condensing boiler, with constant and very high efficiency working with natural gas or L.P.G. for heating and for instantaneous hot sanitary water production.

Consisting of: stainless steel boiler, sealed chamber and instantaneous stainless steel heat exchanger for the hot sanitary water production.

Electronic control: flame ionization and continuous modulation electric start until 5 KW with microprocessor (mod. 5.24). SART automatic selection system of inlet water temperature range according to the installation's demand (high or low).

Electric protection IPX4D

Model	dimensions (HxLxP) mm	unloaded weight kg
5.24 R e 5.24 R Solar System	850 x 450 x 250	38
5.28 R	850 x 450 x 280	42
5.32 R	850 x 450 x 280	42

INSTANTANEOUS STAINLESS STEEL HEAT EXCHANGER

Model	Power output max. 50/30°C		Power output min. 50/30°C		Instantaneous stainless steel heat exchanger AISI 316	Solar box integrated	Hot sanitary water production Δt 30°C l/min	Yield useful		Code natural gas L.P.G.
	kW	kcal/h	kW	kcal/h				80/60 °C	50/30 °C	
CONDENSA 5.24 R	25,40	21.850	5,82	5.005	●	--	11,7	98	108,6	021350024 <i>021352024</i>
CONDENSA 5.28 R	28,60	24.600	7,42	6.381	●	--	12,7	98	108,6	021350028 <i>021352028</i>
CONDENSA 5.32 R	31,80	27.350	7,42	6.381	●	--	14,1	98	108,6	021350032 <i>021352032</i>
CONDENSA 5.24 R Solar System*	25,40	21.850	5,82	5.005	●	●	11,7	98	108,6	021370024 <i>021372024</i>

N.B.: the air exhaust/suction kit has to be added to the boiler price

The installation of an adequate filter for mud is recommended to protect the installation, the boiler and the equipment

* **KIT DM or equivalent compulsory (see on page 39)**

OPTIONAL ACCESSORIES	rif. page	
TBA built in hydraulic separator with fix point	38	891180035
TBA M built in modulating hydraulic separator (in case of more than one zone see page 38)	38	891180051
KIT 4 boiler connection	38	891180017
KIT 5 boiler universal connections in stainless steel	39	891180020
PROBE for external temperature (better to be installed with room thermoregulation)	44	907520502
PROBE for solar collector for model 5.24 R Solar System	95	907520151
PROBE solar tank (probe cable + pump cabling) for model 5.24 R Solar System	--	891180082
BASIC REMOTE CONTROL (for room heat control)	44	907520053
EXPANSION CB electronics functionality	44	891180081
"S" pump high head (116 W) for model 5.24 e 5.28 (included in 5.32)	61	907430135
Self adjusting pump	--	907430160
Filter for mud Ø 3/4" horizontal (recommended for generator protection)	43	907110135
Expansion vessel for heating 10 l. (only for model 5.24)	--	907154028
Spacer frame for replacement	39	907290113
Connections cover	39	907260007
Dima di foratura in materiale plastico preforato	--	907790024

KIT FOR SMOKE SUCTION/EXHAUST IN PP (polypropylene)		
KIT flexible pipe Ø 80 m with centering apparatus	49	891180039
KIT AC concentric exhaust pipe 60 / Ø 100	45	907261128
KIT FC separated exhaust pipe Ø 80 / Ø 80	47	907261131
KIT TC5 roof concentric exhaust pipe Ø 60 / Ø 100	45	907261132
KIT TC6 roof concentric exhaust pipe Ø 80 / Ø 125	45	907261165
Flanged pipe for suction and exhaust Ø 80	47	907261141



STAINLESS STEEL MICROSTORAGE VOLUME INSTANTANEOUS HEAT EXCHANGER

CONDENSA JET

5.24 R JET ★★★★★

Wall hung pre-mix condensing boiler, with constant and very high efficiency working with natural gas or L.P.G. for heating and for instantaneous hot sanitary water production with microstorage.

Consisting of: stainless steel boiler, sealed chamber, instantaneous heat exchanger for hot sanitary water production with stainless steel microstorage with function to absorb the temperature fluctuation in the intermittency working.

Electronic control: flame ionization and continuous modulation electric start until 5 KW with microprocessor SART automatic system with selection of inlet water temperature range according to the installation's demand (high or low).

Model	dimensions (HxLxP) mm	empty weight kg
5.24 R JET	850 x 500 x 280	38

Model	Power output max 50/30 °C		Power output-min. 50/30 °C		Yield useful		Instantaneous copper heat exchanger	Stainless steel micro storage	Hot sanitary water production Δt 30°C l/min	Code natural gas <i>L.P.G.</i>
	kW	kcal/h	kW	kcal/h	80/60 °C	50/30 °C				
CONDENSA 5.24 R JET	25,40	21.850	5,82	5.005	98	108,6	●	3	11,7	021330024 <i>021332024</i>

N.B.: the air suction/exhaust Kit has to be added to the boiler price.

(use only the terminals and the ducts guaranteed by the boiler manufacturer see norms UNI 7129-2008, 11071-2003).

OPTIONAL ACCESSORIES	rif. page	
TBA built in hydraulic separator with fix point	38	891180035
TBA M built in modulating hydraulic separator (in case of more than one zone see page 38)	38	891180051
KIT 4 boiler connection	38	891180017
KIT 5 boiler universal connections in stainless steel	39	891180020
PROBE for external temperature (better to be installed with room thermoregulation)	44	907520502
BASIC REMOTE CONTROL for thermoregulation room	44	907520053
EXPANSION BOARD electronic function	44	891180081
"S" pump high head (116 W)	63	907430135
Self adjusting pump	--	907430160
Filter for mud Ø 3/4" horizontal <i>(recommended for generator protection)</i>	43	907110135
Filter for mud Ø 3/4" horizontal <i>(recommended for generator protection)</i>	39	907290113
Element covers	39	907260007

KIT FOR SMOKE SUCTION/EXHAUST IN PP (polypropylene)		
KIT flexible pipe Ø 80 m 20 with centering apparatus	49	891180039
KIT AC concentric exhaust pipe Ø 60 / Ø 100	45	907261128
KIT FC separated exhaust pipe Ø 80 / Ø 80	47	907261131
KIT TC5 roof concentric exhaust pipe Ø 60 / Ø 100	45	907261132
KIT TC6 roof concentric exhaust pipe Ø 80 / Ø 125	45	907261165
Flanged pipe for suction and exhaust Ø 80	47	907261141

CONDENSA FOREVER

5.24 R FOREVER ★★☆☆

Wall hung pre-mix condensing boiler, with constant and very high efficiency working with natural gas or L.P.G. for heating and for instantaneous hot sanitary water production with stainless steel microstorage and circuit breaker

Consisting of: stainless steel boiler, sealed chamber, instantaneous heat exchanger for hot sanitary water production with stainless steel microstorage with function to absorb the temperature fluctuation in the intermittency working, plate heat exchanger with circuit breaker, self adjusting pump.

Electronic control: flame ionization and continuous modulation electric start until 5 KW with microprocessor SART automatic system with selection of inlet water temperature range according to the installation's demand (high or low).

Electric protection IPX4D

Model	dimensions (HxLxP) mm	empty weight kg
5.24 R FOREVER	940 x 595 x 320	48



PRIMARY CIRCUIT BREAKER
5 years WARRANTY
 on stainless steel primary heat exchanger

Model	Power output max 50/30 °C		Power output-min. 50/30 °C		Yield useful		Instantaneous copper heat exchanger	Stainless steel micro storage	Hot sanitary water production Δt 30°C l/min	Code natural gas L.P.G.
	kW	kcal/h	kW	kcal/h	80/60 °C	50/30 °C				
CONDENSA 5.24 R FOREVER	25,40	21.850	5,82	5.005	98	108,6	●	3	11,7	021340024 021342024

N.B.: the air suction/exhaust Kit has to be added to the boiler price.

(use only the terminals and the ducts guaranteed by the boiler manufacturer see norms UNI 7129-2008, 11071-2003).

OPTIONAL ACCESSORIES

	rif. page	
TBA built in hydraulic separator with fix point	38	891180035
TBA M built in modulating hydraulic separator (in case of more than one zone see page 38)	38	891180051
KIT 9 boiler connection	38	891180041
KIT 5 boiler universal connections in stainless steel	39	891180020
PROBE for external temperature (better to be installed with room thermoregulation)	44	907520502
BASIC REMOTE CONTROL for thermoregulation room	44	907520053
EXPANSION BOARD electronic function	44	891180081
"S" pump high head (116 W)	61	907430135

KIT FOR SMOKE SUCTION/EXHAUST IN PP (polypropylene)

KIT flexible pipe Ø 80 m 20 with centering apparatus	49	891180039
KIT AC concentric exhaust pipe Ø 60 / Ø 100	45	907261128
KIT FC separated exhaust pipe Ø 80 / Ø 80	47	907261131
KIT TC5 roof concentric exhaust pipe Ø 60 / Ø 100	45	907261132
KIT TC6 roof concentric exhaust pipe Ø 80 / Ø 125	45	907261165
Flanged pipe for suction and exhaust Ø 80	47	907261141

CONDENSA N3V

3.15 - 5.24 - 5.32 N3V ★★★★★

Wall hung pre-mix condensing boiler, with constant and very high efficiency working with natural gas or L.P.G. only for heating and with SILE remote tank for hot sanitary water production.

Consisting of: stainless steel boiler, sealed chamber.

Electronic control: SOLAR SYSTEM function active only with optional solar tank probes and solar collector (solar PCB incorporated in boiler one both for solar circuit control and for antilegionella function). Electronic control: flame ionization and continuous modulation electric start until 3 kW with microprocessor. SART automatic system with selection of inlet water temperature range according to the installation's demand (high or low).

Electric protection IPX4D



HEATING ONLY AND REMOTE TANK ELECTRONIC SOLAR SYSTEM

Model	dimensions (HxLxP) mm	empty weight kg
3.15 N3V	850 x 450 x 250	38
5.24 N3V	850 x 450 x 280	42
5.32 N3V	850 x 450 x 280	42

Model	Power output max 50/30 °C		Power output min. 50/30 °C		Yield useful		electronic SOLAR SYSTEM	automatic three way valve	Code natural gas L.P.G.
	kW	kcal/h	kW	kcal/h	80/60 °C	50/30 °C			
CONDENSA 3.15 N3V	15,60	13.416	3,57	3.070	98	108,6	●	●	021450115 <i>021452115</i>
CONDENSA 5.24 N3V	25,40	21.850	5,82	5.005	98	108,6	●	●	021450124 <i>021452124</i>
CONDENSA 5.32 N3V	31,80	27.350	7,42	6.381	98	108,6	●	●	021450132 <i>021452132</i>

N.B.: the air suction/exhaust Kit has to be added to the boiler price.

(use only the terminals and the ducts guaranteed by the boiler manufacturer see norms UNI 7129-2008, 11071-2003).

OPTIONAL ACCESSORIES	rif.	page
TBA built in hydraulic separator with fix point	38	891180035
TBA M built in modulating hydraulic separator (in case of more than one zone see page 38)	38	891180051
KIT 10 boiler connection	39	891180054
KIT 5 boiler universal connections in stainless steel	39	891180020
PROBE for external temperature (better to be installed with room thermoregulation)	44	907520502
PROBE for solar tank (probe's wire + pump's wiring)	--	907520013
PROBE for solar collector	95	907520151
BASIC REMOTE CONTROL for thermoregulation room	44	907520053
EXPANSION BOARD electronic function	44	891180081
"S" pump high head (116 W) for mod. 3.15 e 5.24 (included in 5.32)	61	907430135
Self adjusting pump	--	907430160
Filter for mud Ø 3/4" horizontal (recommended for generator protection)	43	907110135
Expansion vessel for heating 10 l. (only for mod. 3.15 e 5.24)	--	907154028
Spacer frame for replacements	39	907290113
Element cover	39	907260007
Perforation template in predrilled plastic material	--	907790024

KIT FOR SMOKE SUCTION/EXHAUST IN PP (polypropylene)	rif.	page
KIT flexible pipe Ø 80 m 20 with centering apparatus	49	891180039
KIT AC concentric exhaust pipe Ø 60 / Ø 100	45	907261128
KIT FC separated exhaust pipe Ø 80 / Ø 80	47	907261131
KIT TC5 roof concentric exhaust pipe Ø 60 / Ø 100	45	907261132
KIT TC6 roof concentric exhaust pipe Ø 80 / Ø 125	45	907261165
Flanged pipe for suction and exhaust Ø 80	47	907261141



SOLAR SYSTEM ELECTRONIC

COMBIPACK



Thermal system for energy saving

Thermal system aimed at energy saving for heating and hot sanitary water production complete with condensing boiler CONDENA N3V with automatic "diverter" valve, dual coil solar accumulator in stainless steel or vitrified, solar panel RT.

A solar controller boiler is incorporated in electronics to manage the solar circuit (ELECTRONICS SOLAR SYTEM)

The COMBIPACK includes all the accessories needed for the correct and complete construction of the solar and thermal circuit.

SAFETIES: thermostatic mixer, solar circuit safety valve

condensing

Model with boiler CONDENA 3.15 N3V	N° persons	N° solar panels RT 2,0	Accumulator type		Accumulator model SILE - MS3V	natural gas code <i>L.P.G.</i>
			stainless steel	vitrified		
COMBIPACK 3.15 X2	2/4	2	●	--	BIM S2 230	251500230 <i>251502230</i>
COMBIPACK 3.15 V2	2/4	2	--	●	BSV S2 300	251520300 <i>251522300</i>
COMBIPACK 3.15 X3	6	3	●	--	BIM S2 350	251500350 <i>251502350</i>
COMBIPACK 3.15 V3	6	3	--	●	BSV S2 300	251520301 <i>251522301</i>
COMBIPACK 3.15 X4	8	4	●	--	BIM S2 450	251500450 <i>251502450</i>
COMBIPACK 3.15 V4	8	4	--	●	BSV S2 500	251520501 <i>251522501</i>
Model with boiler CONDENA 5.24 N3V						
COMBIPACK 5.24 X2	2/4	2	●	--	BIM S2 230	252400230 <i>252402230</i>
COMBIPACK 5.24 V2	2/4	2	--	●	BSV S2 300	252420300 <i>252422300</i>
COMBIPACK 5.24 X3	6	3	●	--	BIM S2 350	252400350 <i>252402350</i>
COMBIPACK 5.24 V3	6	3	--	●	BSV S2 300	252420301 <i>252422301</i>
COMBIPACK 5.24 X4	8	4	●	--	BIM S2 450	252400450 <i>252402450</i>
COMBIPACK 5.24 V4	8	4	--	●	BSV S2 500	252420501 <i>252422501</i>
Model with boiler CONDENA 5.32 N3V						
COMBIPACK 5.32 X2	2/4	2	●	--	BIM S2 230	253200230 <i>253202230</i>
COMBIPACK 5.32 V2	2/4	2	--	●	BSV S2 300	253220300 <i>253222300</i>
COMBIPACK 5.32 X3	6	3	●	--	BIM S2 350	253200350 <i>253202350</i>
COMBIPACK 5.32 V3	6	3	--	●	BSV S2 300	253220301 <i>253222301</i>
COMBIPACK 5.32 X4	8	4	●	--	BIM S2 450	253200450 <i>253202450</i>
COMBIPACK 5.32 V4	8	4	--	●	BSV S2 500	253220501 <i>253222501</i>

N.B.: to the boiler price has to be added the air suction/exhaust Kit (stubs included) the metal fixtures kit (see on pages 90-91) for solar panels RT installation. (use only the terminals and the ducts guaranteed by the boiler manufacturer see norms UNI 7129-2008, 11071-2003).

SERIES ACCESSORIES WITH EACH COMBIPACK

Pump/valves Ø 3/4" group with tank (consisting of: three speed pump, thermometer, safety valve, expansion vessel attack, drainage, insulation, interception, air flow), thermostatic mixer, expansion tank 18 liters model Solar plus, tee with ball cock and exhaust valve for solar specific, KIT C hydraulic fittings for plant connection, heat transfer fluid (5 liters for X2/V2-X3/V3, 10 liters for X4/V4), probe collector, probe tank, remote control, KIT 10 boiler connection, flanged pipe concentric for suction/exhaust Ø 80 , filter for mud, attachment covers

CONDENSA BI

5.32 BI ★★★★★

Wall hung pre-mix condensing boiler, with *constant and very high efficiency*, working with natural gas or L.P.G. for heating and hot sanitary water production.

Consisting of: stainless steel boiler, sealed chamber, high head pump, stainless steel AISI 316 storage boiler l 58 with function antilegionella and 2 l. expansion vessel for sanitary.

Electronic control: flame ionization and continuous modulation electric start. SART automatic system with selection of inlet water temperature range according to the installation's demand (high or low).

Electric protection IPX4D



STAINLESS STEEL STORAGE BOILER WITH ELECTRONIC FUNCTION ANTILEGIONELLA

Model	dimensions (HxLxP) mm	empty weight kg
5.32 BI	940 x 670 x 400	72

Model	Power output 50/30 °C		Power output min 50/30 °C		Yield useful		Stainless steel AISI 316 sanitary tank liters	Hot sanitary water production Δt 30°C		Code Natural Gas L.P.G.
	kW	kcal/h	kW	kcal/h	80/60 °C	50/30 °C		l/min	first hour liters	
CONDENSA 5.32 BI	31,80	27.350	7,42	6.381	98	108,6	58	14,1	881	021360032 <i>021362032</i>

N.B.: the air suction/exhaust Kit has to be added to the boiler price.

(use only the terminals and the ducts guaranteed by the boiler manufacturer see norms UNI 7129-2008, 11071-2003).

OPTIONAL ACCESSORIES

	rif. page	
TBA built in hydraulic separator with fix point	38	891180035
TBA M built in modulating hydraulic separator (in case of more than one zone see page 38)	38	891180051
KIT 4 boiler connection	38	891180017
KIT 5 boiler universal connections in stainless steel	39	891180020
PROBE for external temperature (better to be installed with room thermoregulation)	44	907520502
BASIC REMOTE CONTROL for thermoregulation room	44	907520053
EXPANSION BOARD electronic function	44	891180081
Self adjusting pump	--	907430160
Filter for mud Ø 3/4" horizontal (<i>recommended for generator protection</i>)	43	907110135
Perforation template in predrilled plastic material	--	907790026

KIT FOR SMOKE SUCTION/EXHAUST IN PP (polypropylene)

KIT flexible pipe Ø 80 m 20 with centering apparatus	49	891180039
KIT AC concentric exhaust pipe Ø 60 / Ø 100	45	907261128
KIT FC separated exhaust pipe Ø 80 / Ø 80	47	907261131
KIT TC5 roof concentric exhaust pipe Ø 60 / Ø 100	45	907261132
KIT TC6 roof concentric exhaust pipe Ø 80 / Ø 125	45	907261165
Flanged pipe for suction and exhaust Ø 80	47	907261141

CONDENSA BI COMPACT

5.24 - 5.28 - 5.32 BI COMPACT ★★☆☆

Wall hung pre-mix and condensing boiler, with constant and very high efficiency, working with natural gas or L.P.G. for heating and hot sanitary water production.

Consisting of: stainless steel boiler, sealed chamber, stainless steel AISI 316 storage boiler with function antilegionella and 2 l. expansion vessel for sanitary. High head pump included for mod. 5.32.

Electronic control: flame ionization and continuous modulation electric start unit 5 KW with microprocessor. SART automatic system with selection of inlet water temperature range according to the installation's demand (high or low).

Electric protection IPX4D



STAINLESS STEEL STORAGE BOILER WITH ELECTRONIC FUNCTION ANTILEGIONELLA

Model	dimensions (HxLxP) mm	empty weight kg
5.24 BI COMPACT	940 x 595 x 320	62
5.28 BI COMPACT	940 x 595 x 320	66
5.32 BI COMPACT	940 x 595 x 320	66

Model	Power output max 50/30 °C		Power output min. 50/30°C		Yield useful		Stainless steel AISI 316 sanitary tank liters	Hot sanitary water production Δt 30°C		Code natural gas L.P.G.
	kW	kcal/h	kW	kcal/h	80/60 °C	50/30 °C		l/min	first hour liters	
CONDENSA 5.24 BI COMPACT	25,40	21.850	5,82	5.005	98	108,6	42	11,7	727	021240024 021242024
CONDENSA 5.28 BI COMPACT	28,60	24.600	7,42	6.381	98	108,6	42	12,7	780	021240028 021242028
CONDENSA 5.32 BI COMPACT	31,80	27.350	7,42	6.381	98	108,6	42	14,1	861	021240032 021242032

N.B.: the air suction/exhaust Kit has to be added to the boiler price.

(use only the terminals and the ducts guaranteed by the boiler manufacturer see norms UNI 7129-2008, 11071-2003).

OPTIONAL ACCESSORIES	rif. page	
TBA built in hydraulic separator with fix point	38	891180035
TBA M built in modulating hydraulic separator (in case of more than one zone see page 38)	38	891180051
KIT 9 boiler connection	38	891180041
KIT 5 boiler universal connections in stainless steel	39	891180020
PROBE for external temperature (better to be installed with room thermoregulation)	44	907520502
BASIC REMOTE CONTROL for thermoregulation room	44	907520053
EXPANSION BOARD electronic function	44	891180081
"S" pump high head (116 W) for mod. 3.15 e 5.24 (included in 5.32)	61	907430135
Self adjusting pump	--	907430160
Filter for mud Ø 3/4" horizontal (recommended for generator protection)	43	907110135
Perforation template in predrilled plastic material	--	907790025

KIT FOR SMOKE SUCTION/EXHAUST IN PP (polypropylene)		
KIT flexible pipe Ø 80 m 20 with centering apparatus	49	891180039
KIT AC concentric exhaust pipe Ø 60 / Ø 100	45	907261128
KIT FC separated exhaust pipe Ø 80 / Ø 80	47	907261131
KIT TC5 roof concentric exhaust pipe Ø 60 / Ø 100	45	907261132
KIT TC6 roof concentric exhaust pipe Ø 80 / Ø 125	45	907261165
Flanged pipe for suction and exhaust Ø 80	47	907261141

BUILT SYSTEM

CONDENSA R - N3V ★★★★★

SILE built system, for outdoor installation, for heating and instantaneous hot sanitary water production (mod R).

Consisting of a sturdy galvanized box and a wall hang boiler mod. CONDENSA R or a CONDENSA N3V working with natural gas or L.P.G. (see descriptions on previous pages).

Each model can be equipped with internal remote control and external temperature probe.

Electric protection IPX4D.



Model	box dimensions (HxLxP) mm	empty weight kg	
		boiler	box
Sistema 5.24 R	1300 x 600 x 265	38	17
Sistema 5.28 R	1300 x 550 x 335	42	22
Sistema 5.32 R	1300 x 550 x 335	42	22
Sistema 5.24 N3V	1300 x 600 x 265	38	17
Sistema 5.32 N3V	1300 x 550 x 335	42	22

Model	Power output max 50/30 °C		Power output max 50/30 °C		Yield useful		Stainless steel AISI 316 sanitary exchanger	Diverter valve	Hot sanitary water production Δt 30°C l/min	Code natural gas L.P.G.
	kW	kcal/h	kW	kcal/h	80/60 °C	50/30 °C				
CONDENSA 5.24 R	25,40	21.850	5,82	5.005	98	108,6	●	--	11,7	021350024 <i>021352024</i>
CONDENSA 5.28 R	28,60	24.600	7,42	6.381	98	108,6	●	--	12,7	021350028 <i>021352028</i>
CONDENSA 5.32 R	31,80	27.350	7,42	6.381	98	108,6	●	--	14,1	021350032 <i>021352032</i>
CONDENSA 5.24 N3V	25,40	21.850	5,82	5.005	98	108,6	--	●	--	021450124 <i>021452124</i>
CONDENSA 5.32 N3V	31,80	27.350	7,42	6.381	98	108,6	--	●	--	021450132 <i>021452132</i>
BUILT IN BOX to couple with: mod 5.24 R - 5.24 N3V										907290051
BUILT IN BOX to couple with: mod. 5.28-32 R - 5.32 N3V										907290060

N.B.: the air suction/exhaust Kit has to be added to the boiler price.

(use only the terminals and the ducts guaranteed by the boiler manufacturer see norms UNI 7129-2008, 11071-2003).

OPTIONAL ACCESSORIES	rif. page	
TBA built in hydraulic separator with fix point	38	891180035
TBA M built in modulating hydraulic separator (in case of more than one zone see page 38)	38	891180051
KIT 3 boiler connection for CONDENSA R	38	905401032
KIT 7 boiler connection for CONDENSA N3V	39	891180036
KIT 5 boiler universal connections in stainless steel	39	891180020
PROBE for external temperature (better to be installed with room thermoregulation)	44	907520502
BASIC REMOTE CONTROL for thermoregulation room	44	907520053
EXPANSION BOARD electronic function	44	891180081
"S" pump high head (116 W) for mod. 3.15 e 5.24 (included in 5.32)	61	907430135
Self adjusting pump	--	907430160
Filter for mud Ø 3/4" horizontal (recommended for generator protection)	43	907110136
Expansion vessel for heating 10 l. (only for model 5.24)	--	907154028

KIT FOR SMOKE SUCTION/EXHAUST IN PP (polypropylene)		
KIT FC separated exhaust pipe Ø 80 / Ø 80	47	907261131

BUILT SYSTEM

CONDENSA BI COMPACT ★★★★★

SILE built system, for outdoor installation, for heating and instantaneous hot sanitary water production by stainless steel AISI 316 tank.

Consisting of a sturdy galvanized box and a wall hang boiler mod. CONDENSA BI COMPACT working with natural gas or L.P.G. (see descriptions on previous pages).

Each model can be equipped with internal remote control and external temperature probe.

Electric protection IPX4D.



STAINLESS STEEL STORAGE BOILER WITH ELECTRONIC FUNCTION ANTILEGIONELLA

Model	Box dimensions (HxLxP) mm	empty weight kg	
		boiler	box
Sistema 5.24 BI COMPACT	1350 x 700 x 335	62	29
Sistema 5.28 BI COMPACT	1350 x 700 x 335	66	29
Sistema 5.32 BI COMPACT	1350 x 700 x 335	66	29

Model	Power output max. 50/30 °C		Power output min. 50/30 °C		Yield useful		Stainless steel tank liters	Hot sanitary water production Δt 30°C		Natural gas code L.P.G.
	kW	kcal/h	kW	kcal/h	80/60 °C	50/30 °C		l/min	first hour liters	
CONDENSA 5.24 BI COMPACT	25,40	21.850	5,82	5.005	98	108,6	42	11,7	723	021240024 <i>021242024</i>
CONDENSA 5.28 BI COMPACT	28,60	24.600	7,42	6.381	98	108,6	42	12,7	783	021240028 <i>021242028</i>
CONDENSA 5.32 BI COMPACT	31,80	27.350	7,42	6.381	98	108,6	42	14,1	867	021240032 <i>021242032</i>
BUILT IN BOX										907290061

N.B.: the air suction/exhaust Kit has to be added to the boiler price.

(use only the terminals and the ducts guaranteed by the boiler manufacturer see norms UNI 7129-2008, 11071-2003).

OPTIONAL ACCESSORIES	rif. page	
TBA built in hydraulic separator with fix point	38	891180035
TBA M built in modulating hydraulic separator (in case of more than one zone see page 33)	38	891180051
KIT 9 boiler connection	38	905401032
KIT 5 boiler universal connections in stainless steel	39	891180020
PROBE for external temperature (better to be installed with room thermoregulation)	44	907520502
BASIC REMOTE CONTROL for thermoregulation room	44	907520053
EXPANSION BOARD electronic function	44	891180081
"S" pump high head (116 W) for mod. 3.15 e 5.24 (included in 5.32)	61	907430135
Self adjusting pump	--	907430160
Filter for mud \varnothing 3/4" horizontal (recommended for generator protection)	43	907110136
Expansion vessel for heating 10 l. (only for model 5.24)	--	907154028

KIT FOR SMOKE SUCTION/EXHAUST IN PP (polypropylene)		
KIT FC separated exhaust pipe \varnothing 80 / \varnothing 80	47	907261131

CONDENSA BI T

5.28 BI T ★★★★★

Floor standing boiler [pre-mix and condensing](#) with [constant and very high efficiency](#) working with natural gas or L.P.G. for heating and hot sanitary water production.

Consisting of: [stainless steel boiler](#), sealed chamber, back smoke exhaust, [stainless steel AISI 316 storage boiler with antilegionella function](#) and 2 l expansion vessel for sanitary.

Electronic control: flame ionization and continuous modulation electric start with microprocessor.SART automatic system with selection of inlet water temperature range according to the installation's demand (high or low).

Electric protection IPX4D.



STAINLESS STEEL STORAGE BOILER WITH ELECTRONIC FUNCTION ANTILEGIONELLA

Model	dimensions (HxLxP) mm	empty weight kg
5.28 BI T	850 x 600 x 600	72

Model	Power output max. 50/30 °C		Power output min. 50/30 °C		Yield useful		Stainless teel tank liters	Hot sanitary water production Δt 30°C		Code natural gas <i>L.P.G.</i>
	kW	kcal/h	kW	kcal/h	80/60 °C	50/30 °C		l/min	first hour liters	
CONDENSA 5.28 BI T	28,60	24.600	7,42	6.381	98	108,6	42	12,7	780	021290028 <i>021292028</i>

N.B.: the air suction/exhaust Kit has to be added to the boiler price.

(use only the terminals and the ducts guaranteed by the boiler manufacturer see norms UNI 7129-2008, 11071-2003).

OPTIONAL ACCESSORIES

	rif. page	
TBA built in hydraulic separator with fix point	38	891180035
TBA M built in modulating hydraulic separator (in case of more than one zone see page 38)	38	891180051
KIT 3 boiler connection	38	905401032
KIT 5 boiler universal connections in stainless steel	39	891180020
PROBE for external temperature (better to be installed with room thermoregulation)	44	907520502
BASIC REMOTE CONTROL for thermoregulation room	44	907520053
EXPANSION BOARD electronic function	44	891180081
"S" pump high head (116 W)	61	907430135
Self adjusting pump	--	907430160
Pump for condensate drain	39	907430110
Filter for mud Ø 3/4" horizontal <i>(recommended for generator protection)</i>	43	907110135
Overcharge for top smoke exhaust	--	--

KIT FOR SMOKE SUCTION/EXHAUST IN PP (polypropylene)

KIT flexible pipe Ø 80 m 20 with centering apparatus	49	891180039
KIT AC concentric exhaust pipe Ø 60 / Ø 100	45	907261128
KIT FC separated exhaust pipe Ø 80 / Ø 80	47	907261131
KIT TC5 roof concentric exhaust pipe Ø 60 / Ø 100	45	907261132
KIT TC6 roof concentric exhaust pipe Ø 80 / Ø 125	45	907261165
Flanged pipe for suction and exhaust Ø 80	47	907261141

CONDENSA MAXINOX

5.24 - 5.32 MAXINOX ★★★★★

Floor standing boiler **pre-mix and condensing** with **constant and very high efficiency**, working with natural gas or L.P.G. for heating and hot sanitary water production.

Consisting of: **stainless steel boiler**, sealed chamber, hot sanitary water production with stainless steel AISI 316 large capacity tank with **antilegionella function** inspectionable with spiral coil and 4 l expansion vessel for sanitary. High head pump.

Electronic control: flame ionization and continuous modulation electric start until 5 KW (mod. 5.24) with micorprocessor. SART SYSTEM of automatic selection of inlet water temperature range according to the installation's demand (high or low).

Electric protection IPX4D.



STAINLESS STEEL LARGE CAPACITY STORAGE BOILER WITH ELECTRONIC FUNCTION ANTILEGIONELLA

Model	dimensions (HxLxP) mm	empty weight kg
5.24 MAXINOX	1700 x 600 x 600	125
5.32 MAXINOX	1700 x 600 x 600	130

Model	Power output max. 50/30 °C		Power output min. 50/30 °C		Yield useful		stainless steel tank liters	Hot sanitary water production Δt 30°C		Code natural gas L.P.G.
	kW	kcal/h	kW	kcal/h	80/60 °C	50/30 °C		l/min	first hours liters	
CONDENSA 5.24 MAXINOX	25,40	21.850	5,82	5.005	98	108,6	150	11,7	825	021850024 <i>021852024</i>
CONDENSA 5.32 MAXINOX	31,80	27.350	7,42	6.381	98	108,6	150	14,1	970	021850032 <i>021852032</i>

N.B.: the air suction/exhaust Kit has to be added to the boiler price.

(use only the terminals and the ducts guaranteed by the boiler manufacturer see norms UNI 7129-2008, 11071-2003).

OPTIONAL ACCESSORIES	rif.	page
KIT Z2* (2 zones with one temperature)	38	891180052
KIT Z3* (3 zones with one temperature)	38	891180053
KIT 3 boiler connection	38	905401032
KIT 5 stainless steel universal connections	39	891180020
PROBE for external temperature (better to be installed with room thermoregulation)	44	907520502
BASIC REMOTE CONTROL for thermoregulation room	44	907520053
EXPANSION BOARD electronic function	44	891180081
Self adjusting pump	--	907430160
Filter for mud Ø 3/4" horizontal (<i>recommended for generator protection</i>)	43	907110135
KIT MX sanitary recycling pump	39	891180062
Perforation template in predrilled plastic material	--	907790017

* **OPTIONAL KIT FOR ZONES INSTALLATIONS Z2 / Z3**, pre mounted in the boiler including: inlet and outlet heating collectors with 2-3 electric valves Ø 1/2" V 230 preset for manual opening, copper connections, manual air vent, box for wire connections.

KIT FOR SMOKE SUCTION/EXHAUST IN PP (polypropylene)	rif.	page
KIT flexible pipe Ø 80 m 20 with centering apparatus	49	891180039
KIT AC concentric exhaust pipe Ø 60 / Ø 100	45	907261128
KIT FC separated exhaust pipe Ø 80 / Ø 80	47	907261131
KIT TC5 roof concentric exhaust pipe Ø 60 / Ø 100	45	907261132
KIT TC6 roof concentric exhaust pipe Ø 80 / Ø 125	45	907261165
Flanged pipe for suction and exhaust Ø 80	47	907261141

M

CE

CONDENSA MAXINOX TBA.M

5.24 - 5.32 MAXINOX TBA.M ★★★★★

CONDENSA MAXINOX version with **TBA.M hydraulic separator** included - management system for heating with different zones temperature: one underfloor heating (low) with modulating temperature control with external probe and one radiators (high).

Electric protection IPX4D.

Model	dimensions (HxLxP) mm	empty weight kg
5.24 MAXINOX TBA.M	1700 x 600 x 600	135
5.32 MAXINOX TBA.M	1700 x 600 x 600	140

LOW-HIGH TEMPERATURE MODULATING REMOTE CONTROL AND EXTERNAL PROBE

Model	Power output max. 50/30 °C		Power output min. 50/30 °C		Yield useful		Stainless steel tank liters	Hot sanitary water production Δt 30°C		Code natural gas L.P.G.
	kW	kcal/h	kW	kcal/h	80/60 °C	50/30 °C		l/min	first hours litri	
CONDENSA 5.24 MAXINOX TBA.M	25,40	21.850	5,82	5.005	98	108,6	150	11,7	825	021850124 <i>021852124</i>
CONDENSA 5.32 MAXINOX TBA.M	31,80	27.350	7,42	6.381	98	108,6	150	14,1	970	021850132 <i>021852132</i>

N.B.: the air suction/exhaust Kit has to be added to the boiler price.

(use only the terminals and the ducts guaranteed by the boiler manufacturer see norms UNI 7129-2008, 11071-2003).

OPTIONAL ACCESSORIES

	rif.	page
KIT 7 boiler connection	39	891180036
KIT 5 stainless steel universal connection	39	891180020
Self adjusting pump	--	907430160
Over charge KIT TBA M3 2B 1A modulating hydraulic separator for 3 zones (two low and one high temperature) with remote control, three pump and external probe included	38	891180060
Over charge KIT TBA M3 2A 1B modulating hydraulic separator for 3 zones (two low and one high temperature) with remote control, three pump and external probe included	38	891180059
Filter for mud Ø 3/4" horizontal <i>(recommended for generator protection)</i>	43	907110135
Perforation template in predrilled plastic material	--	907790017

KIT FOR SMOKE SUCTION/EXHAUST IN PP (polypropylene)

KIT flexible pipe Ø 80 m 20 with centering apparatus	49	891180039
KIT AC concentric exhaust pipe Ø 60 / Ø 100	45	907261128
KIT FC separated exhaust pipe Ø 80 / Ø 80	47	907261131
KIT TC5 roof concentric exhaust pipe Ø 60 / Ø 100	45	907261132
KIT TC6 roof concentric exhaust pipe Ø 80 / Ø 125	45	907261165
Flanged pipe for suction and exhaust Ø 80	47	907261141



HOT SANITARY WATER FROM THE SUN

CONDENSA MAXISOL

3.15 - 5.24 - 5.32 MAXISOL ★★☆☆

Floor standing boiler **pre-mix and condensing** with **constant and very high efficiency**, working with natural gas, or L.P.G. for heating and hot sanitary water production with solar integration.

Consisting of: **stainless steel boiler**, sealed chamber, **stainless steel AISI 316 tank inspectionable**, large capacity, with **double heat exchanger (solar circuit plus integration) with antilegionella function**; 4 l expansion vessel for sanitary and head pump.

Solar circuit, electronically managed by the boiler, consisting of 3-speed pump, thermometer, safety valve, solar expansion vessel, drain, interceptions, overheating solenoid valve, **anti-burning heating mixer** and manual flow meter for installation load and air vent.

Electronic control: flame ionization and continuous modulation electric start until 3 kW (mod.3.15) with microprocessor. SART automatic system with selection of inlet water temperature range according to the installation's demand (high or low)

Electric protection IPX4D.

Model	dimensions (HxLxP) mm	empty weight kg
3.15, 5.24, 5.32 MAXISOL 150	1700 x 600 x 600	123, 125, 130
5.24, 5.32 MAXISOL 210	2100 x 600 x 600	140, 145

Model	Power output max. 50/30 °C		Power output min. 50/30 °C		Yield useful		N° combinable solar panels RT	Stainless steel AISI316 tank liters	Hot sanitary water production Δt 30°C		Code natural gas L.P.G.
	kW	kcal/h	kW	kcal/h	80/60 °C	50/30 °C			l/min	first hour liters	
CONDENSA 3.15 MAXISOL 150	15,60	13.416	3,57	3.070	98	108,6	1 RT2,0	150	7,0	550	021850315 <i>021852315</i>
CONDENSA 5.24 MAXISOL 150	25,40	21.850	5,82	5.005	98	108,6	1 RT2,0	150	11,7	825	021850324 <i>021852324</i>
CONDENSA 5.24 MAXISOL 210	25,40	21.850	5,82	5.005	98	108,6	2 RT2,0 o 1 RT2,4	210	12,3	870	021850524 <i>021852524</i>
CONDENSA 5.32 MAXISOL 150	31,80	27.350	7,42	6.381	98	108,6	1 RT2,0	150	13,5	920	021850332 <i>021852332</i>
CONDENSA 5.32 MAXISOL 210	31,80	27.350	7,42	6.381	98	108,6	2 RT2,0 o 1 RT2,4	210	14,1	970	021850532 <i>021852532</i>

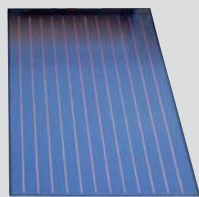
N.B.: the air suction/exhaust Kit has to be added to the boiler price.

(use only the terminals and the ducts guaranteed by the boiler manufacturer see norms UNI 7129-2008, 11071-2003).

OPTIONAL ACCESSORIES	rif. page	
KIT Z2 (2 zones with one temperature)	38	891180052
KIT Z3 (3 zones with one temperature)	38	891180053
KIT 3 boiler connection	38	905401032
KIT 5 stainless steel universal connections	39	891180020
KIT for installation built in niche with top connections	--	891180090
PROBE solar collector	95	907520151
PROBE for external temperature (better to be installed with room thermoregulation)	44	907520502
BASIC REMOTE CONTROL for thermoregulation room	44	907520053
EXPANSION BOARD electronic function	44	891180081
Self adjusting pump	--	907430160
Filter for mud Ø 3/4" horizontal (<i>recommended for generator protection</i>)	43	907110135
KIT MX sanitary recycling pump	39	891180062
Perforation template in predrilled plastic material	--	907790017

* **OPTIONAL KIT FOR ZONES INSTALLATIONS Z2 / Z3**, pre mounted in the boiler including: inlet and outlet heating collectors with 2-3 electric valves Ø 1/2" V 230 preset for manual opening, copper connections, manual air vent, box for wire connections.

KIT FOR SMOKE SUCTION/EXHAUST IN PP (polypropylene)		
KIT flexible pipe Ø 80 m 20 with centering apparatus	43	891180039
KIT AC concentric exhaust pipe Ø 60 / Ø 100	39	907261128
KIT FC separated exhaust pipe Ø 80 / Ø 80	41	907261131
KIT TC5 roof concentric exhaust pipe Ø 60 / Ø 100	39	907261132
KIT TC6 roof concentric exhaust pipe Ø 80 / Ø 125	39	907261165
Flanged pipe for suction and exhaust Ø 80	41	907261141

M

Solar panel RT
see price at page 90



CONDENSA MAXISOL TBA.M

3.15 - 5.24 - 5.32 MAXISOL TBA.M ★★★★★

CONDENSA MAXISOL version included **hydraulic separator TBA.M** - system heating management with different temperature zones: one under-floor heating (low) with modulating temperature control with external probe and one radiators (high).

Solar circuit, electronically managed by the boiler, consisting of 3-speed pump, thermometer, safety valve, solar expansion vessel, drain, interceptions, overheating solenoid valve, **anti-burning heating mixer** and manual flowmeter for installation's load and air vent.

Electric protection IPX4D.

Model	dimensions (HxLxP) mm	empty weight kg
3.15, 5.24, 5.32 MAXISOL 150	1700 x 600 x 600	133, 135, 140
5.24, 5.32 MAXISOL 210	2100 x 600 x 600	150, 155

LOW-HIGH TEMPERATURE MODULATING (with external probe) REMOTE CONTROL AND EXTERNAL PROBE INCLUDED

Model	Power output max. 50/30 °C		Power output min. 50/30 °C		Yield useful		N° combinable solar panels RT	Stainless steel AISI316 tank liters	Hot sanitary water production Δt 30°C		Code Natural gas L.P.G.
	kW	kcal/h	kW	kcal/h	80/60 °C	50/30 °C			l/min	first hour liters	
CONDENSA 3.15 MAXISOL TBA.M 150	15,60	13.416	3,57	3.070	98	108,6	1 RT2,0	150	7,0	550	021850215 <i>021852215</i>
CONDENSA 5.24 MAXISOL TBA.M 150	25,40	21.850	5,82	5.005	98	108,6	1 RT2,0	150	11,7	825	021850224 <i>021852224</i>
CONDENSA 5.24 MAXISOL TBA.M 210	25,40	21.850	5,82	5.005	98	108,6	2 RT2,0 o 1 RT2,4	210	12,4	870	021850724 <i>021852724</i>
CONDENSA 5.32 MAXISOL TBA.M 150	31,80	27.350	7,42	6.381	98	108,6	1 RT2,0	150	13,5	920	021850232 <i>021852232</i>
CONDENSA 5.32 MAXISOL TBA.M 210	31,80	27.350	7,42	6.381	98	108,6	2 RT2,0 o 1 RT2,4	210	14,1	1030	021850732 <i>021852732</i>

N.B.: the air suction/exhaust Kit has to be added to the boiler's price.

(use only the terminals and the ducts guaranteed by the boiler manufacturer see norms UNI 7129-2008, 11071-2003).

OPTIONAL ACCESSORIES	rif. page	
KIT 7 boiler connection	39	891180036
KIT 5 stainless steel universal connection	39	891180020
KIT for installation built in niche with top connections TBA.M	--	891180091
PROBE solar collector	95	907520151
Self adjusting pump	--	907430160
Over charge KIT TBA M3 2B 1A modulating hydraulic separator for 3 zones (two low and one high temperature) with remote control, three pump and external probe included	38	891180060
Over charge KIT TBA M3 2A 1B modulating hydraulic separator for 3 zones (two low and one high temperature) with remote control, three pump and external probe included	38	891180059
Filter for mud Ø 3/4" horizontal (<i>recommended for generator protection</i>)	43	907110135
Perforation template in predrilled plastic material	--	907790017

KIT FOR SMOKE SUCTION/EXHAUST IN PP (polypropylene)		
KIT flexible pipe Ø 80 m 20 with centering apparatus	49	891180039
KIT AC concentric exhaust pipe Ø 60 / Ø 100	45	907261128
KIT FC separated exhaust pipe Ø 80 / Ø 80	47	907261131
KIT TC5 roof concentric exhaust pipe Ø 60 / Ø 100	45	907261132
KIT TC6 roof concentric exhaust pipe Ø 80 / Ø 125	45	907261165
Flanged pipe for suction and exhaust Ø 80	47	907261141



SIM R



5.24 R ★★★★★

Compact system for installing built into the wall of the building working with natural gas or L.P.G. for heating and hot sanitary water production with solar integration consisting of:

- **CONDENSA R** boiler with heat exchanger and electronics SOLAR SYSTEM for the solar circuit management
- stainless steel AISI 316 SILE tank with one heat exchanger
- Pre mounted hydraulic KIT consisting of all connections, anti-burning heating mixer included
- series antifreeze KIT

Electronic control: flame ionization and continuous modulation electric start until 5 kW with microprocessor. SART automatic system with selection of inlet water temperature range according to the installation's demand (high or low)

Electric protection IPX5D.

Solar panel RT
see price at page 90

Model	dimensions (HxLxP) mm	empty weight kg ~
SIM 5.24 R	2200x950x340	160

HOT SANITARY FROM SUN TANK WITH ONE HEAT EXCHANGER

Model	Power output max. 50/30 °C		Power output min. 50/30 °C		Yield useful		Stainless steel AISI316 tank liters	Hot sanitary water production Δt 30°C		Code Natural gas L.P.G.
	kW	kcal/h	kW	kcal/h	80/60 °C	50/30 °C		l/min	first hour liters	
SIM 5.24 R	25,40	21.850	3,57	3.070	98	108,6	150	12,0	825	021870024 <i>021872024</i>
version for installations with 2 zones at different temperature (low/high) with remote control and external probe included										
SIM 5.24 R TBA.M	25,40	21.850	3,57	3.070	98	108,6	150	12,0	825	021870124 <i>021872124</i>
ersion for installations with 2 zones at single temperature										
SIM 5.24 R 2Z	25,40	21.850	3,57	3.070	98	108,6	150	12,0	825	021870224 <i>021872224</i>
version for installations with 3 zones at single temperature										
SIM 5.24 R 3Z	25,40	21.850	3,57	3.070	98	108,6	150	12,0	825	021870324 <i>021872324</i>
Box for built-in suitable for all models										907290130
Wooden box system for internal installation										907290350

N.B.: the air suction/exhaust Kit has to be added to the boiler's price.

(use only the terminals and the ducts guaranteed by the boiler manufacturer see norms UNI 7129-2008, 11071-2003).

OPTIONAL ACCESSORIES	rif. page.	
KIT 7 boiler connection from bottom	39	891180036
KIT 11 boiler connection TBA-M version with bottom connections	--	891180055
PROBE for external temperature - included in TBA M versions (better to be installed with room thermo-regulation)	44	907520502
BASIC REMOTE CONTROL (included in TBA M versions)	44	907520053
Self adjusting pump	--	907430160
Filter for mud Ø 3/4" horizontal (recommended for generator protection)	43	907110136
PROBE solar collector	95	907520151

KIT FOR SMOKE SUCTION/EXHAUST IN PP (polypropylene)		
KIT flexible pipe Ø 80 m 20 with centering apparatus	49	891180039
KIT FC separated exhaust pipe Ø 80 / Ø 80	47	907261131
Flanged pipe for suction and exhaust Ø 80	47	907261141

condensing



Solar panel RT
see price at page 90



SIM150 N3V



3.15 - 5.24 - 5.32 N3V ★★★★★

Compact system for installing built into the wall of the building working with natural gas or L.P.G. for heating and hot sanitary water production with solar integration consisting of:

- boiler CONDENSA N3V with automatic 3-way valve and SOLAR SYSTEM electronic for solar circuit management;
- SILE stainless steel AISI 316 tank of 150 liters with double heat exchanger
- preassembled hydraulic kit consisting of all the connections, anti-burning heating included.
- series antifreeze KIT

Electronic control: Electronic control: flame ionization and continuous modulation electric start until 3 kW (mod.3.15) with microprocessor. SART automatic system with selection of inlet water temperature range according to the installation's demand (high or low)

Electric protection IPX5D.

Model	dimensions (HxLxP) mm	empty weight kg ~
SIM150 3.15 N3V	2200x950x340	160
SIM150 5.24 N3V	2200x950x340	165
SIM150 5.32 N3V	2200x950x340	165

HOT SANITARY WATER FROM SUN 150 liters TANK WITH DOUBLE HEAT EXCHANGER

Model	Power output max. 50/30 °C		Power output min. 50/30 °C		Yield useful		Hot sanitary water production Δt 30°C		Code Natural gas L.P.G.
	kW	kcal/h	kW	kcal/h	80/60 °C	50/30 °C	l/min	first hour liters	
SIM150 3.15 N3V	15,90	13.674	3,57	3.070	98	108,6	7,0	550	021860015 <i>021862015</i>
SIM150 5.24 N3V	25,40	21.850	5,82	5.005	98	108,6	12,0	825	021860024 <i>021862024</i>
SIM150 5.32 N3V	31,80	27.350	7,42	6.381	98	108,6	13,5	920	021860032 <i>021862032</i>
version for installations with 2 zones at different temperature (low/high) with remote control and external probe included									
SIM150 3.15 N3V TBA.M	15,90	13.674	3,57	3.070	98	108,6	7,0	550	021860115 <i>021862115</i>
SIM150 5.24 N3V TBA.M	25,40	21.850	5,82	5.005	98	108,6	12,0	825	021860124 <i>021862124</i>
SIM150 5.32 N3V TBA.M	31,80	27.350	7,42	6.381	98	108,6	13,5	920	021860132 <i>021862132</i>
version for installations with 2 zones at single temperature									
SIM150 3.15 N3V 2Z	15,90	13.674	3,57	3.070	98	108,6	7,0	550	021860215 <i>021862215</i>
SIM150 5.24 N3V 2Z	25,40	21.850	5,82	5.005	98	108,6	12,0	825	021860224 <i>021862224</i>
SIM150 5.32 N3V 2Z	31,80	27.350	7,42	6.381	98	108,6	13,5	920	021860232 <i>021862232</i>
version for installations with 3 zones at single temperature									
SIM150 3.15 N3V 3Z	15,90	13.674	3,57	3.070	98	108,6	7,0	550	021860315 <i>021862315</i>
SIM150 5.24 N3V 3Z	25,40	21.850	5,82	5.005	98	108,6	12,0	825	021860324 <i>021862324</i>
SIM150 5.32 N3V 3Z	31,80	27.350	7,42	6.381	98	108,6	13,5	920	021860332 <i>021862332</i>

Box for built-in suitable for all models	907290130
Wooden box system for internal installation	907290350

N.B.: the air suction/exhaust Kit has to be added to the boiler's price.

(use only the terminals and the ducts guaranteed by the boiler manufacturer see norms UNI 7129-2008, 11071-2003).

OPTIONAL ACCESSORIES	rif. page.	
KIT 7 boiler connection from bottom	39	891180036
KIT 11 boiler connection TBA-M version with bottom connections	--	891180055
PROBE for external temperature - included in TBA M versions (better to be installed with room thermoregulation)	44	907520502
BASIC REMOTE CONTROL (included in TBA M versions)	44	907520053
Self adjusting pump	--	907430160
Filter for mud Ø 3/4" horizontal (recommended for generator protection)	43	907110136
KIT SM sanitary recycling pump	39	891180061
PROBE solar collector	95	907520151

KIT FOR SMOKE SUCTION/EXHAUST IN PP (polypropylene)		
KIT flexible pipe Ø 80 m 20 with centering apparatus	49	891180039
KIT FC separated exhaust pipe Ø 80 / Ø 80	47	907261131
Flanged pipe for suction and exhaust Ø 80	47	907261141

condensing



SIM230 N3V



3.15 - 5.24 - 5.32 N3V ★★★★★

Compact system for installing built into the wall of the building working with natural gas or L.P.G. for heating and hot sanitary water production with solar integration consisting of:

- boiler CONDENSA N3V with automatic 3-way valve and SOLAR SYSTEM electronic for solar circuit management;
- SILE stainless steel AISI 316 tank of 150 liters with double heat exchanger
- preassembled hydraulic kit consisting of all the connections, anti-burning heating included.
- series antifreeze KIT

Electronic control: Electronic control: flame ionization and continuous modulation electric start until 3 kW (mod.3.15) with microprocessor. SART automatic system with selection of inlet water temperature range according to the installation's demand (high or low)

Model	dimensions (HxLxP) mm	empty weight kg ~
SIM230 3.15 N3V	2200x1050x440	224
SIM230 5.24 N3V	2200x1050x450	231
SIM230 5.32 N3V	2200x1050x450	231

HOT SANITARY WATER FROM SUN
230 liters TANK WITH DOUBLE HEAT EXCHANGER

Model	Power output max. 50/30 °C		Power output min. 50/30 °C		Yield useful		Hot sanitary water production Δt 30°C		Code Natural gas L.P.G.
	kW	kcal/h	kW	kcal/h	80/60 °C	50/30 °C	l/min	first hour liters	
SIM230 3.15 N3V	15,90	13.674	3,57	3.070	98	108,6	7,0	630	021880015 <i>021882015</i>
SIM230 5.24 N3V	25,40	21.850	5,82	5.005	98	108,6	12,0	905	021880024 <i>021882024</i>
SIM230 5.32 N3V	31,80	27.350	7,42	6.381	98	108,6	13,5	1000	021880032 <i>021882032</i>
version for installations with 2 zones at different temperature (low/high) with remote control and external probe included									
SIM230 3.15 N3V TBA.M	15,90	13.674	3,57	3.070	98	108,6	7,0	630	021880115 <i>021882115</i>
SIM230 5.24 N3V TBA.M	25,40	21.850	5,82	5.005	98	108,6	12,0	905	021880124 <i>021882124</i>
SIM230 5.32 N3V TBA.M	31,80	27.350	7,42	6.381	98	108,6	13,5	1000	021880132 <i>021882132</i>
version for installations with 2 zones at single temperature									
SIM230 3.15 N3V 2Z	15,90	13.674	3,57	3.070	98	108,6	7,0	630	021880215 <i>021882215</i>
SIM230 5.24 N3V 2Z	25,40	21.850	5,82	5.005	98	108,6	12,0	905	021880224 <i>021882224</i>
SIM230 5.32 N3V 2Z	31,80	27.350	7,42	6.381	98	108,6	13,5	1000	021880232 <i>021882232</i>
version for installations with 3 zones at single temperature									
SIM230 3.15 N3V 3Z	15,90	13.674	3,57	3.070	98	108,6	7,0	630	021880315 <i>021882315</i>
SIM230 5.24 N3V 3Z	25,40	21.850	5,82	5.005	98	108,6	12,0	905	021880324 <i>021882324</i>
SIM230 5.32 N3V 3Z	31,80	27.350	7,42	6.381	98	108,6	13,5	1000	021880332 <i>021882332</i>

Box for built-in suitable for all models	907290129
Wooden box system for internal installation	907290351

N.B.: the air suction /exhaust Kit has to be added to the boiler price.

(use only the terminals and the ducts guaranteed by the boiler manufacturer see norms UNI 7129-2008, 11071-2003).

OPTIONAL ACCESSORIES	rif. page.	
KIT 7 boiler connection from bottom	39	891180036
KIT 11 boiler connection TBA-M version with bottom connections	--	891180055
PROBE for external temperature - included in TBA M versions (better to be installed with room thermoregulation)	44	907520502
BASIC REMOTE CONTROL (included in TBA M versions)	44	907520053
Self adjusting pump	--	907430160
Filter for mud Ø 3/4" horizontal (recommended for generator protection)	43	907110136
KIT SM sanitary recycling pump	39	891180061
PROBE solar collector	95	907520151

KIT FOR SMOKE SUCTION/EXHAUST IN PP (polypropylene)		
KIT flexible pipe Ø 80 m 20 with centering apparatus	49	891180039
KIT FC separated exhaust pipe Ø 80 / Ø 80	47	907261131
Flanged pipe for suction and exhaust Ø 80	47	907261141

condensing

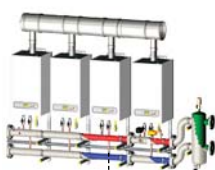
CENTRAL HEATING PLANT



(complete range with boilers/condensing modules)

Power output kW	INSTALLATION IN CENTRAL HEATING PLANT				INSTALLATION IN CENTRAL HEATING PLANT AND OUTDOOR				
	SINGLE WALL HANG package with I.N.A.I.L. safety devices	SINGLE FLOOR STANDING package with I.N.A.I.L. safety devices	WALL HANG IN CASCADE with I.N.A.I.L. safety devices in KIT MD hydraulic collectors		SINGLE WALL HANG with I.N.A.I.L. safety devices		PRE-ASSEMBLED MODULES FLOOR STANDING with I.N.A.I.L. safety devices in hydraulic collectors		
			boilers from 32-50 kW	boilers from 75-100 kW	outdoor	package with box for outdoor installation	corpo da 32-50 kW	corpo da 75-100 kW	corpo da 157 kW
50	CONDENSA 50 M				CONDENSA 32 Esterna	MC50 M MC50 M3V			
60			CASCATA 60				MC 60		
75	CONDENSA 75 M				CONDENSA 75 Esterna			MDC 75	
80			CASCATA 80				MC 80		
100	CONDENSA 100 M		CASCATA 100		CONDENSA 100 Esterna		MC 100	MDC 100	
114		CONDENSA 114 TM	CASCATA 114	DUO CASCATA 114			MC 114	MDC 114	
130			CASCATA 130				MC 130		
150		CONDENSA 150 TM	CASCATA 150	DUO CASCATA 150			MC 150	MDC 150	
175				DUO CASCATA 175				MDC 175	
180			CASCATA 180				MC 180		
200			CASCATA 200	DUO CASCATA 200			MC 200	MDC 200	
225				DUO CASCATA 225				MDC 225	
250				DUO CASCATA 250				MDC 250	
270				DUO CASCATA 275				MDC 275	
300				DUO CASCATA 300				MDC 300	
325				DUO CASCATA 325				MDC 325	
350				DUO CASCATA 350				MDC 350	
375				DUO CASCATA 375				MDC 375	
400				DUO CASCATA 400				MDC 400	
450									MDC 450
600									MDC 600
750									MDC 750
800									
900									MDC 900
1000									
1200									
1400									
1600									

condensing



CASCATA mod. 60-200 DUO CASCATA mod. 114÷400

The CONDENSA IN "CASCADE" serie consists of more boilers pre-mix condensing medium power, working with natural gas or LPG, of the serie CONDENSA 32N, 50N, 60N, 75N and 100N in cascade for **installation in central heating plant**. Are available MD hydraulic kits, electronic management system and smoke exhaust pipes.

MC - MODULI CONDENSA MDC - MODULI DUO CONDENSA



Preassembled thermal modules package pre-mix condensing with medium and high power, consisting of more boiler shell natural gas or L.P.G. from 32 up to 157 kW for **outdoor installation open cast or in central heating plant**. The MODULES CONDENSA, **entirely preassembled and wired**, are studied for an easy installation and can be installed everywhere, according to the in force regulation



**"R" collection included
ELECTRONIC SOLAR SYSTEM**

CONDENSA M-MC **SILE**

50 - 75 - 100 M ★★★★★

MC50 M - MC50 M3V ★★★★★

Package wall hung single generators only for heating, for central heating plant or outside installation, **pre-mixed and condensing with constant and very high efficiency**, working with natural gas or L.P.G.

Consisting of: **stainless steel boiler shell**, sealed or open chamber. box for outdoor installation open cast for mod. MC

Electronic control: flame ionization and continuous modulation electric start with microprocessor. SART automatic system with selection of inlet water temperature range according to the installation's demand (high or low). Electronic SOLAR SYSTEM

Each standard product has all the devices foreseen by regulation R.3.B. of the "R collection" (I.N.A.I.L. circular N.102/99 31.12.1999) for generator with power > 35 kW. KIWA certificates (n. 0694BN3845), I.N.A.I.L. (Prot. n. 010319 del 03.12.2003) and IMQ.

Model	dimensions (HxLxP) mm	empty weight kg
CONDENSA 50M	750x420x400	50
CONDENSA 75/100M	880x500x495	70
CONDENSA MC50 M/M3V	1280x650x430	80

Model	Power output 50/30 °C		Arrangement to hot sanitary water production	Devices ISPEL according R collection	Electronic SOLAR SYSTEM	Electric protection	Code Natural gas L.P.G.
	kW	kcal/h					
CONDENSA 50 M	51,00	43.860	● with KIT MD1 3V	●	●	IPX4D	021920050 021922050
CONDENSA MC50 M	51,00	43.860	--	●	●	IPX5D	051510050 051512050
CONDENSA MC50 M3V	51,00	43.860	●	●	●	IPX5D	051510150 051512150
CONDENSA 75 M	75,80	65.188	●	●	●	IPX4D	021920075 (GPL non disponibile)
CONDENSA 100 M	97,10	83.506	●	●	●	IPX4D	021920100 021922100

N.B.: Boilers 75 and 100 M are already wired for electrical connection to sanitary hot water circulation pump (pump not included).

Heating circulation pump not included

The air suction/exhaust Kit has to be added to the boiler's price (use only the terminals and the ducts guaranteed by the boiler manufacturer see norms UNI 7129-2008, 11071-2003).

mod. 50-75-100 M - *single installation in central heating plant*

mod. MC 50 M - *single installation outdoor open cast*

Complete of:

- Electrogalvanized enamelled steel box for installation open cast
- **KIT MD1** balance hydraulic separator
- Expansion vessel 18 liters with copper pipe fitting

mod. MC 50 M3V - *single installation outdoor open cast with hot sanitary water production*

Complete of:

- Electrogalvanized enamelled steel box for installation open cast
- **KIT MD1 3V**, hydraulic separator balancer to couple with SILE remote tank, consisting of three way valve Ø 1" complete of electric wires, sanitary temperature probe and copper pipe fitting
- Expansion vessel 18 liters with copper pipe fitting

condensing

SMOKE SUCTION/EXHAUST IN PP (polypropylene) CONDENSA M	rif. page	
CONDENSA 50 / 75 M accessories smoke exhaust Ø 80 for split chimney (bends, extensions, nippers...etc.) for central heating plant	47	--
KIT flexible pipe Ø 80 m 20 with centering apparatus	49	891180039
CONDENSA 100 M accessories smoke exhaust Ø 80 for split chimney (bends, extensions, nippers...etc.) for central heating plant	48	--

CONDENSA Esterne

32 - 75 - 100 Esterna ★★★★★

Package wall hung single generators only for heating, for outside installation, **pre-mixed and condensing with constant and very high efficiency**, working with natural gas or L.P.G.

Consisting of: **stainless steel boiler shell**, sealed or open chamber.

Electronic control: flame ionization and continuous modulation electric start with microprocessor and remote control included.

Each generator has all the devices (fuel interception valve excluded) foreseen by regulation R.3.B. of the "R collection" (I.N.A.I.L. circular N.102/99 31.12.1999) for generator with power > 35 kW.

KIWA certificates (n. 0694BN3845), I.N.A.I.L. (Prot. n. 010319 del 03.12.2003) and IMQ.



Model	dimensions (HxLxP) mm	empty weight kg
CONDENSA 32 Esterna	750x420x400	50
CONDENSA 75 Esterna	880x500x495	70
CONDENSA 100 Esterna	1280x650x430	80

Model	Yield useful 50/30 °C		Prearrangement to hot sanitary water production	ISPESL devices according R collection (fuel interception valve excluded)	Electric protection	Code Natural gas <i>L.P.G.</i>
	kW	kcal/h				
CONDENSA 32 Esterna	31,80	27,350	●	--	IPX5D	021960032 <i>021962032</i>
CONDENSA 75 Esterna	75,80	65.188	●	●	IPX5D	021960075
CONDENSA 100 Esterna	97,10	83.506	●	●	IPX5D	021960100 <i>021962100</i>

N.B.: Boilers 75 and 100 M are already wired for electrical connection to sanitary hot water circulation pump (pump not included).

Heating circulation pump not included

The air suction/exhaust Kit has to be added to the boiler's price (*use only the terminals and the ducts guaranteed by the boiler manufacturer see norms UNI 7129-2008, 11071-2003*).

SMOKE SUCTION/EXHAUST IN PP

rif. page

Smoke exhaust KIT Ø80 for CONDENSA 32 / 75 Esterna	47	891180100
Smoke exhaust KIT Ø100 for CONDENSA 100 Esterna	48	891180101

ACCESSORIES FOR CONDENSA





MC50 M - MC50 MV3

50-75-100 M

32-75-100 Esterne

NB.: Water of Central heating plant must always be treated according to UNI 8065

OPTIONAL ACCESSORIES	rif. page	Code
<p>KIT MA1 (hydraulic separator or plates heat exchanger not included). BOILER CONDENSA 75 M or 100 M CONNECTION includes: Thermo collector inlet/outlet DN65 - condensate drain collector in PP - connecting pipes to thermal collector - circulation pump - interception valve - check (thermo inlet) - interception valve (thermo return) - interception gas valve Ø3/4" - expansion vessel 5 l. - drain cock - profiled, brackets and collars supporting and fixing pipe.</p>	41	<p>premounted and insulation excluded 891180218</p> <p>premounted, insulation and test included 891180418</p>
▶ Hydraulic separator DN65	41	891180330
▶ Heat exchanger ZB400 by 30 plates with DN65 fittings	42	891180607
<p>KIT M3V for hot sanitary water production without hydraulic separator for CONDENSA 50 M composed by: "diverter" valve, copper pipe, probe tank, gaskets</p>	--	891180309
<p>KIT hydraulic separator MD1 Ø1" for CONDENSA 50 M</p> 	40	891180310
<p>KIT hydraulic separator MD1 3V Ø1" for CONDENSA 50 M</p> 	40	891180313
Plates heat exchanger ZB315 for CONDENSA 50 M (without connections and insulation)	--	907155120
REMOTE CONTROL with room thermoregulation (CONDENSA ESTERNE excluded)	44	907520053
EXPANSION VESSEL 18 liters	--	907154004
CIRCULATION PUMP THERMAL PLANT for 75-100 M (CONDENSA ESTERNE excluded)	40	907430206
PROBE external temperature	44	907520502
EXPANSION CARD with electronic functions	44	891180081
Condensate neutralization NC1	43	907261800
Filter for mud Ø 1" 1/4 (recommended for generator protection)	43	907110137
Probe solar tank	--	907520013
Probe solar collector	95	907520151
Fuel interception valve 3/4" (only for CONDENSA ESTERNE)	--	907110007

CONDENSA in cascade

32 - 50 N ★★★★★

Wall hung boilers for central heating plant, working with natural gas or L.P.G., **pre-mix and condensing with very high efficiency.**

Installation in cascade (two, three or four boilers) for multiple powers, to obtain a central heating power, only for heating. Eventual hot sanitary water production with SILE remote boiler

Safety devices foreseen by I.N.A.I.L. as per "R" regulation 2005, chapter R.3.B. circular nr. 102/99 dtd 31/12/99 are included in smoke exhaust pipes KIT MD2 - MD3 - MD4 (gas pipe not supplied).

KIWA approved (n. 0694BN3845) and I.N.A.I.L. (n. 010319 dtd 3.Dec.2003).



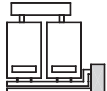






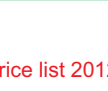
condensing

Model	Power output 50/30 °C		Combinable SILE stain- less steel AISI 316 tank	multiple installation in cascade	Continuous modulation electronic start	Electric protection IPX4D	Code Natural gas <i>L.P.G.</i>
	kW	kcal/h					
CONDENSA 32 N (for heating plant) in cascade	31,80	27.348	●	●	●	●	021931032 <i>021932032</i>
CONDENSA 50 N in cascade	51,00	43.860	●	●	●	●	021931050 <i>021932050</i>

N.B.: Boilers DO NOT work singly.

The air suction/exhaust Kit has to be added to the boiler price (use only the terminals and the ducts guaranteed by the boiler manufacturer see norms UNI 7129-2008, 11071-2003).

CASCADE COMPOSITION

Modell	Power output 50/30°C kW	CASCADE composition	KIT smoke exhaust (optional)	Dimensions (HxLxP) mm
CASCATA 60	63,6	n. 2 CONDENSA 32 	MF 2	1500x1590x420
CASCATA 80	82,7	n. 1 CONDENSA 50 + n. 1 CONDENSA 32 	MF 2	1500x1590x420
CASCATA 100	101,8	n. 2 CONDENSA 50 	MF 2	1500x1590x420
CASCATA 114	114,5	n. 2 CONDENSA 32 + n. 1 CONDENSA 50 	MF 3	1500x2150x420
CASCATA 130	133,6	n. 2 CONDENSA 50 + n. 1 CONDENSA 32 	MF 3	1500x2150x420
CASCATA 150	152,7	n. 3 CONDENSA 50 	MF 3	1500x2150x420
CASCATA 180	184,5	n. 3 CONDENSA 50 + n. 1 CONDENSA 32 	MF 4	1500x2670x420
CASCATA 200	203,6	n. 4 CONDENSA 50 	MF 4	1500x2670x420

follows

continues from previous page

ACCESSORIES FOR CONDENSA



32 - 50 N in cascade

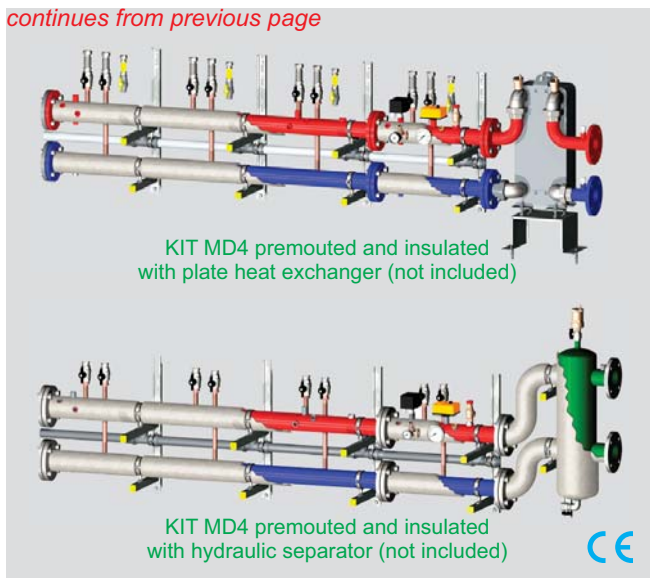
Hot sanitary water production

The hot sanitary water is managed by the electric board with pump (not included) downstream the hydraulic separator.

Room temperature control with possibility of remote management. Working at flowing temperature with one external probe and possibility of remote management.

Series: (inside control board) are supplied with the external probe and the delivery probe to be installed downstream the hydraulic separator.

NB.: Water of Central heating plant must always be treated according to UNI 8065. The plate heat exchangers are assessed for temperatures primary 50-40 °C e secondary 30-40 °C



OPTIONAL ACCESSORIES		rif. page	Code
KIT MD2 TWO BOILERS CONNECTION	premounting and insulation excluded	40	891180212
	premounting, insulation and test included		891180412
DN65 Flanged hydraulic separator		--	891180330
▶ ZB400 heat exchanger with 30 plates with pipe fittings DN65 (for CASCATA 60-80)		42	891180607
ZB600 heat exchanger with 30 plates with pipe fittings DN65 (for CASCATA 100)		42	891180600
KIT MD3 THREE BOILERS CONNECTION	premounting and insulation excluded	40	891180213
	premounting, insulation and test included		891180413
DN65 Flanged hydraulic separator		--	891180330
▶ ZB600 heat exchanger with 30 plates with pipe fittings DN65		42	891180600
KIT MD4 FOUR BOILERS CONNECTION	premounting and insulation excluded	40	891180214
	premounting, insulation and test included		891180414
DN65 Flanged hydraulic separator		--	891180330
▶ ZB600 heat exchanger with 30 plates with pipe fittings DN65		42	891180600

N.B.: KIT MD do not include the hydraulic separator or the plate heat exchanger but are completed with accessories I.N.A.I.L. according to Raccolta "R" chapter R.3.B. and circular 102/99 dtd 31/12/99 (fuel interception valve excluded). Please specify in the order the heating connections (right or left).

ACCESSORIES TO COMPLETE		
SQ BOARD with external probe and probes of: delivery, return, sanitary, boiler, mixing circuit	44	907510407
E-SQ1 BOARD expansion of SQ board for management of one additional mixed zone	44	907511251
E-SQ2 BOARD expansion of SQ board for management of two additional mixed zones or one zone and one solar circuit	44	907511252
Condensate neutralization NC2	43	907261815
filter for mud DN65 (recommended for boiler protection)	43	907110139
Fuel interception valve 1" 1/4	40	907110011

KIT MF - STAINLESS STEEL AISI 316 L SMOKE COLLECTORS		
KIT MF2 - smoke collector for nr. 2 boilers	50	891180242
KIT MF3 - smoke collector for nr. 3 boilers	50	891180243
KIT MF4 - smoke collector for nr. 4 boilers	50	891180244
Pipe fitting Ø 230 M / Ø 250 F	--	907261550

condensazione

CONDENSA in cascade

60 - 75 - 100 N ★★★★★

Wall hang boilers for central heating plant, **pre-mix and condensing with very high efficiency** working with natural gas or L.P.G. (L.P.G. 100 N model only).

Installation in cascade (two, three or four boilers) for multiple powers, to obtain a central heating power, only for heating. Eventual hot sanitary water production with SILE remote boiler

Safety devices foreseen by I.N.A.I.L. as per "R" regulation 2005, chapter R.3.B. circular nr. 102/99 dtd 31/12/99 are included in smoke exhaust pipes KIT MA (gas pipe not supplied).

IMQ approved



condensing

Model	Power output 50/30 °C		Combinable SILE stainless steel AISI 316 tank	Multiple installation in cascade	Low pollution (NOx-CO)	Continuous modulation electronic start	Electric protection IPX4D	Code Natural gas L.P.G.
	kW	kcal/h						
CONDENSA 60 N in cascade	57,00	49.020	●	●	●	●	●	021931060 <i>(LPG not available)</i>
CONDENSA 75 N in cascade	75,80	65.188	●	●	●	●	●	021931075 <i>((LPG not available))</i>
CONDENSA 100 N in cascade	97,10	83.506	●	●	●	●	●	021931100 <i>021932100</i>

N.B.: Boilers DO NOT work singly.

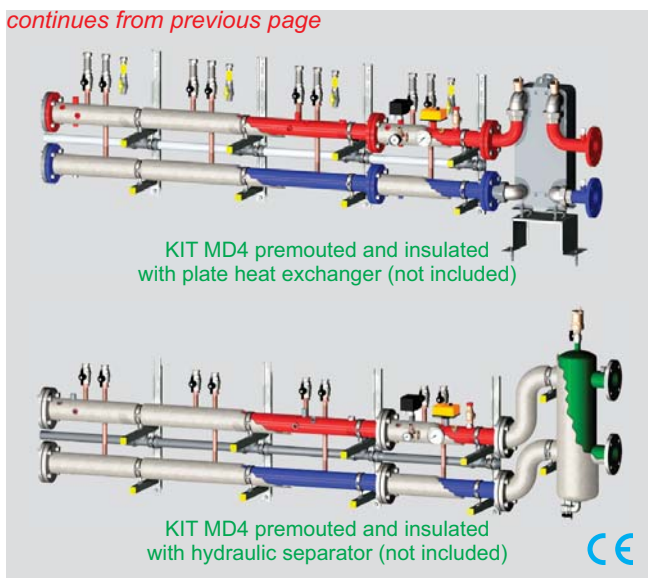
The air suction/exhaust Kit has to be added to the boiler price (*use only the terminals and the ducts guaranteed by the boiler manufacturer see norms UNI 7129-2008, 11071-2003*).

CASCADE COMPOSITION (working with SQ board only)

Model	Power output 50/30°C kW	CASCADE composition	Dimensions (HxLxP) mm	KIT Smoke exhaust (optional)	Collector connections DN	Weight excluded collector and separator kg
DUOCASCATA 114 <i>(C.P.I. free)</i>	114,0	n. 2 CONDENSA 60		MF 2	65	130
DUOCASCATA 150	151,6	n. 2 CONDENSA 75		MF 2	65	130
DUOCASCATA 175	172,9	n. 1 CONDENSA 100 + n. 1 CONDENSA 75		MF 21	65	140
DUOCASCATA 200	194,2	n. 2 CONDENSA 100		MF 22	65	150
DUOCASCATA 225	227,4	n. 3 CONDENSA 75		MF 3	65	185
DUOCASCATA 250	248,7	n. 1 CONDENSA 100 + n. 2 CONDENSA 75		MF 31	65	205
DUOCASCATA 275	270,0	n. 2 CONDENSA 100 + n. 1 CONDENSA 75		MF 32	80	215
DUOCASCATA 300	291,3	n. 3 CONDENSA 100		MF 33	80	225
DUOCASCATA 325	324,5	n. 1 CONDENSA 100 + n. 3 CONDENSA 75		MF 40	80	270
DUOCASCATA 350	345,8	n. 2 CONDENSA 100 + n. 2 CONDENSA 75		MF 41	80	280
DUOCASCATA 375	367,1	n. 3 CONDENSA 100 + n. 1 CONDENSA 75		MF 42	80	290
DUOCASCATA 400	388,4	n. 4 CONDENSA 100		MF 43	80	300

follows

continues from previous page



ACCESSORIES FOR CONDENSA



65 N - 75N - 100N in cascade

Hot sanitary water production

The hot sanitary water is managed by the electric board with pump (not included) downstream the hydraulic separator.

Room temperature control with possibility of remote management. Working at flowing temperature with one external probe and possibility of remote management.

Series: (inside control board) are supplied with the external probe and the delivery probe to be installed downstream the hydraulic separator.

NB.: Water of Central heating plant must always be treated according to UNI 8065. The plate heat exchangers are assessed for temperatures primary 50-40 °C e secondary 30-40 °C

OPTIONAL ACCESSORIES

		rif. page	Code
KIT MA2 for DUOCASCATA 114, 150, 175, 200 TWO BOILERS CONNECTION	premounting and insulation excluded	41	891180215
	premounting, insulation and test included M		891180415
▶ DN65 Flanged hydraulic separator		--	891180330
ZB600 heat exchanger with 30 plates with pipe fittings DN65		42	891180600
KIT MA3 per DUOCASCATA 225, 250 THREE BOILERS CONNECTION	premounting and insulation excluded	41	891180216
	premounting, insulation and test included M		891180416
▶ DN65 Flanged hydraulic separator		--	891180330
ZB600 heat exchanger with 30 plates with pipe fittings DN65		42	891180601
KIT MA3/1 per DUOCASCATA 275, 300 THREE BOILERS CONNECTION	premounting and insulation excluded	41	891180219
	premounting, insulation and test included M		891180419
▶ DN80 Flanged hydraulic separator		--	891180331
ZB600 heat exchanger with 40 plates with pipe fittings DN80		42	891180651
KIT MA4 per DUOCASCATA 325, 350, 375, 400 FOUR BOILERS CONNECTION	premounting and insulation excluded	41	891180217
	premounting, insulation and test included M		891180417
▶ DN80 Flanged hydraulic separator		--	891180331
ZB600 heat exchanger with 50 plates with pipe fittings DN80 (for DUOCASCATA 325 - 350)		42	891180602
ZB700 MAXI heat exchanger with 50 plates with pipe fittings DN80 (DUOCASCATA 375 - 400)		42	891180603

N.B.: KIT MD do not include the hydraulic separator or the plate heat exchanger but are completed with accessories I.N.A.I.L. according to Raccolta "R" chapter R.3.B. and circular 102/99 dtd 31/12/99 (fuel interception valve excluded). Please specify in the order the heating connections (right or left).

ACCESSORIES TO COMPLETE

SQ BOARD with external probe and probes of: delivery, return, sanitary, boiler, mixing circuit	44	907510407
E-SQ1 BOARD expansion of SQ board for management of one additional mixed zone	44	907511251
E-SQ2 BOARD expansion of SQ board for management of two additional mixed zones or one zone and one solar circuit	44	907511252
Condensate neutralization NC2	43	907261815
filter for mud DN65 for DUOCASCATA 114+250 (recommended for boiler protection)	43	907110139
filter for mud DN80 for DUOCASCATA 275+400 (recommended for boiler protection)	43	907110140
Fuel interception valve 1" 1/4 (up to 230 kW)	40	907110011
Fuel interception valve 1" 1/2 (up to 580 kW)	40	907110038

KIT MF - SISTEMI DI SCARICO FUMI IN ACCIAIO INOX AISI 316 L

KIT MF2 - Smoke collector Ø230 for DUOCASCATA 114-150	50	891180242
KIT MF21 - Smoke collector Ø230 for DUOCASCATA 175	50	891180245
KIT MF22 - Smoke collector Ø230 for DUOCASCATA 200	50	891180246
KIT MF3 - Smoke collector Ø230 for DUOCASCATA 225	50	891180243
KIT MF31 - Smoke collector Ø230 for DUOCASCATA 250	50	891180247
Pipe fitting Ø 230 M / Ø 250 F (up to KIT MF31)	--	907261550
KIT MF32 - Smoke collector Ø300 for DUOCASCATA 275	50	891180270
KIT MF33 - Smoke collector Ø300 for DUOCASCATA 300	50	891180271
KIT MF40 - Smoke collector Ø300 for DUOCASCATA 325	50	891180272
KIT MF41 - Smoke collector Ø300 for DUOCASCATA 350	50	891180273
KIT MF42 - Smoke collector Ø300 for DUOCASCATA 375	50	891180274
KIT MF43 - Smoke collector Ø300 for DUOCASCATA 400	50	891180275

condensing

M

MC CONDENSA MODULES



MC60 ÷ MC200 ★★★★★

Package preassembled Modules for installation in central heating plant or open cast, **pre-mix and condensing** with **constant and very high efficiency**, working with natural gas or L.P.G. for heating and hot sanitary water production with SILE remote boiler.

The Condensa Modules consist of CONDENSA 32N and/or CONDENSA 50N boilers, hydraulic collectors DN65 with RH or LH outlet, hydraulic separator with heat exchanger with plates soldering completely insulated and equipped with mounted safety devices as I.N.A.I.L. norms, gas and drain condensate pipe fittings, electric board with sequencer and temperature control with external and delivery probes.

They are protected by the cabinet in electro-galvanized steel, weatherproof grey enamelled, thermally and acoustically insulated, openable and inspectionable, with lifting hooks and adjustable feet.

I.N.A.I.L. approved (nr. 010319 dtd 3/12/2003) complete of all the safety devices, **fuel interception valve included**, foreseen by "R" regulation 2005, chapter R.3.B. I.N.A.I.L. for boilers with power > 35 kW.

KIWA certificate (nr. 0694BN3845)

condensing

Model	Power output kW	MODULES MC Composition	KIT smoke exhaust (optional)	Cabinet dimensions (HxLxP) mm	Weight kg	Code Natural gas <i>LPG</i>
MC60	63,6	n. 2 CONDENSA 32		MF 2	1500x1590x500	051540060 <i>051542060</i>
						051740060 <i>051742060</i>
MC80	82,7	n. 1 CONDENSA 50 + n. 1 CONDENSA 32		MF 2	1500x1590x500	051540080 <i>051542080</i>
						051740080 <i>051742080</i>
MC100	101,8	n. 2 CONDENSA 50		MF 2	1500x1590x500	051540100 <i>051542100</i>
						051740100 <i>051742100</i>
MC114	114,5	n. 2 CONDENSA 32 + n. 1 CONDENSA 50		MF 3	1500x2150x500	051540114 <i>051542114</i>
						051740114 <i>051742114</i>
MC130	133,6	n. 2 CONDENSA 50 + n. 1 CONDENSA 32		MF 3	1500x2150x500	051540130 <i>051542130</i>
						051740130 <i>051742130</i>
MC150	152,7	n. 3 CONDENSA 50		MF 3	1500x2150x500	051540150 <i>051542150</i>
						051740150 <i>051742150</i>
MC180	184,5	n. 3 CONDENSA 50 + n. 1 CONDENSA 32		MF 4	1500x2670x500	051540180 <i>051542180</i>
						051740180 <i>051742180</i>
MC200	203,6	n. 4 CONDENSA 50		MF 4	1500x2670x500	051540200 <i>051542200</i>
						051740200 <i>051742200</i>

STANDARD POSITION OF THE HYDRAULIC SEPARATOR WITH RH OUTLET. AVAILABLE ON REQUEST WITH LH OUTLET, (to be indicated on the order).

follows

ACCESSORIES FOR MC



MC60 ÷ MC200

Hot sanitary water production

The hot sanitary water is managed by the electric board with pump (not included) downstream the hydraulic separator.

Room temperature control with possibility of remote management.

Working at flowing temperature with one external probe and possibility of remote management.

Series: (inside control board) are supplied with the external probe and the delivery probe to be installed downstream the hydraulic separator.

NB.: Water of Central heating plant must always be treated according to UNI 8065. The plate heat exchangers are assessed for temperatures primary 50-40 °C e secondary 30-40 °C

ACCESSORIES TO COMPLETE	rif. page.	Code
Additional box with two spaces for distribution collector, zones installation's circulation pumps, expansion vessels, dimensions: mm. depth 500, width 1080, height 1500	--	907290300
Additional box with three spaces for distribution's collector, zones installation's circulation pumps, expansion vessels, dimensions: mm. depth 500, width 1590, height 1500	--	907290301
Condensate neutralization NC2	43	907261815
Filter for mud DN65 <i>(recommended for boiler protection)</i>	43	907110139
E-SQ1 BOARD expansion of SQ board for management of one additional mixed zone	44	907511251
E-SQ2 BOARD expansion of SQ board for management of two additional mixed zones or one zone and one solar circuit	44	907511252

KIT MF - STAINLESS STEEL AISI 316 L SMOKE EXHAUST SYSTEM		
KIT MF2 - Smoke collector Ø 230 for models MC60, MC80 e MC100	50	891180242
KIT MF3 - Smoke collector Ø 230 for models MC114, MC130 e MC150	50	891180243
KIT MF4 - Smoke collector Ø 230 for models MC180 e MC200	50	891180244
Single duct m 1 in PP with stainless steel conic terminal Ø 80 (one for each generator)	--	891180095
Connection Ø 230 M / Ø 250 F	--	907261550
For extensions or adjustments are available straight pipes Ø230 mm (length available: 250, 450, 950 mm)	50	/

M

MDC DUOCONDENSA MODULES



MDC75 ÷ MDC400 ★★★★★

Package preassembled Modules for installation in central heating plant or open cast, **pre-mix and condensing** with **constant and very high efficiency** working with natural gas for heating and hot sanitary water production with SILE remote boiler.

Consist of more basic modules of 75,8 KW or 97,1 KW, hydraulic collectors with RH or LH outlet, hydraulic separator or heat exchanger with plates soldering, completely insulated with mounted safety devices I.N.A.I.L. norms, gas and drain condensate pipe fittings, electric board with sequencer and temperature control with external and delivery probes.

The generators inside the module are protected by the cabinet in electro-galvanized steel, weatherproof grey enamelled, thermally and acoustically insulated, openable and inspectionable, with lifting hooks and adjustable feet.

Each MODULE has all the safety devices, **fuel interception valve included**, foreseen by "R" regulation 2005, chapter R.3.B. I.N.A.I.L. for boilers with power > 35 kW.

condensing

Model	Power output 50/30°C kW	MODULES MDC composition	Smoke exhaust KIT (optional)	cabinet dimensions (HxLxP) mm	collector connection DN	Weight with separator kg	Code Natural gas
MDC 75 *	75,8	n. 1 BASIC MODULE CONDENSA 75		duct Ø80	1500x1030x500	65	051550075
							051750075
MDC 100 *	97,1	n. 1 BASIC MODULE CONDENSA 100		duct Ø100	1500x1030x500	65	051550100
							051750100
MDC 114	114,0	n. 2 BASIC MODULES CONDENSA 60		2 ducts Ø80 o KIT MF 2	1500x1590x500	65	051550114
							051750114
MDC 150	151,6	n. 2 BASIC MODULES CONDENSA 75		2 ducts Ø80 o KIT MF 2	1500x1590x500	65	051550150
							051750150
MDC 175	172,9	n. 1 BASIC MODULE CONDENSA 75 n. 1 BASIC MODULE CONDENSA 100		1 duct Ø80 1 duct Ø100 o KIT MF 21	1500x1590x500	65	051550175
							051750175
MDC 200	194,2	n. 2 BASIC MODULES CONDENSA 100		2 ducts Ø100 o KIT MF 22	1500x1590x500	65	051550200
							051750200
MDC 225	227,4	n. 3 BASIC MODULES CONDENSA 75		3 ducts Ø80 o KIT MF 3	1500x2150x500	65	051550225
							051750225
MDC 250	248,7	n. 2 BASIC MODULES CONDENSA 75 n. 1 BASIC MODULE CONDENSA 100		2 ducts Ø80 1 duct Ø100 o KIT MF 31	1500x2150x500	65	051550250
							051750250
MDC 275	270,0	n. 2 BASIC MODULES CONDENSA 100 n. 1 BASIC MODULE CONDENSA 75		2 ducts Ø100 1 duct Ø80 o KIT MF 32	1500x2150x500	80	051550275
							051750275
MDC 300	291,3	n. 3 BASIC MODULES CONDENSA 100		3 ducts Ø100 o KIT MF 33	1500x2150x500	80	051550300
							051750300
MDC 325	324,5	n. 1 BASIC MODULE CONDENSA 100 n. 3 BASIC MODULES CONDENSA 75		1 duct Ø100 3 ducts Ø80 o KIT MF 40	1500x2710x500	80	051550325
							051750325
MDC 350	345,8	n. 2 BASIC MODULES CONDENSA 75 n. 2 BASIC MODULES CONDENSA 100		2 ducts Ø80 2 ducts Ø100 o KIT MF 41	1500x2710x500	80	051550350
							051750350
MDC 375	367,1	n. 3 BASIC MODULES CONDENSA 100 n. 1 BASIC MODULE CONDENSA 75		3 ducts Ø100 1 duct Ø80 o KIT MF 42	1500x2710x500	80	051550375
							051750375
MDC 400	388,4	n. 4 BASIC MODULES CONDENSA 100		4 ducts Ø100 o KIT MF 43	1500x2710x500	80	051550400
							051750400

STANDARD POSITION OF THE HYDRAULIC SEPARATOR WITH RH OUTLET. AVAILABLE ON REQUEST WITH LH OUTLET, (to be indicated on the order). KIT MF optional, see page 50.

* Electric board with sequence device not applicable

follows

ACCESSORIES FOR MDC



MDC 75 ÷ MDC 400

Hot sanitary water production

The hot sanitary water is managed by the electric board with pump (not included) downstream the hydraulic separator.

Room temperature control with possibility of remote management.

Working at flowing temperature with one external probe and possibility of remote management.

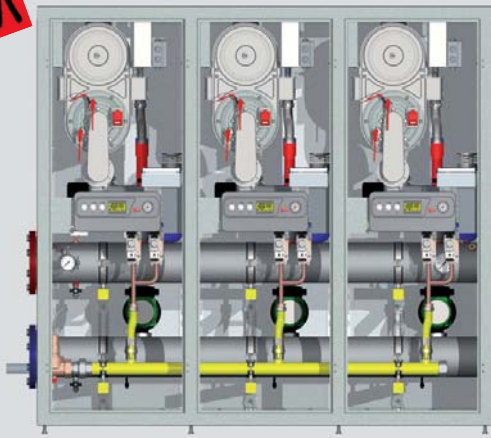
Series: (inside control board) are supplied with the external probe and the delivery probe to be installed downstream the hydraulic separator.

NB.: Water of Central heating plant must always be treated according to UNI 8065. The plate heat exchangers are assessed for temperatures primary 50-40 °C e secondary 30-40 °C

ACCESSORIES TO COMPLETE	rif. page.	Code
Additional box with two spaces for distribution collector, zones installation's circulation pumps, expansion vessels, dimensions: mm. depth 500, width 1080, height 1500	--	907290300
Additional box with three spaces for distribution's collector, zones installation's circulation pumps, expansion vessels, dimensions: mm. depth 500, width 1590, height 1500	--	907290301
E-SQ1 BOARD expansion of SQ board for management of one additional mixed zone	44	907511251
E-SQ2 BOARD expansion of SQ board for management of two additional mixed zones or one zone and one solar circuit	44	907511252
Condensate neutralization NC2	43	907261815
Filter for mud DN65	43	907110139
Filter for mud DN 80	43	907110140

The installation of an adequate filter for mud is recommended to protect the generator and the equipment.

KIT MF - STAINLESS STEEL AISI 316 L SMOKE EXHAUST SYSTEM		
KIT MF2 - Smoke collector Ø230 for mod. MDC 114-150	50	891180242
KIT MF21 - Smoke collector Ø230 for mod. MDC 175	50	891180245
KIT MF22 - Smoke collector Ø230 for mod. MDC 200	50	891180246
KIT MF3 - Smoke collector Ø230 for mod. MDC 225	50	891180243
KIT MF31 - Smoke collector Ø230 for mod. MDC 250	50	891180247
Connection Ø 230 M / Ø 250 F (up to KIT MF31)	--	907261550
KIT MF32 - Smoke collector Ø300 for mod. MDC 275	50	891180270
KIT MF33 -Smoke collector Ø300 for mod. MDC 300	50	891180271
KIT MF40 -Smoke collector Ø300 for mod. MDC 325	50	891180272
KIT MF41 - Smoke collector Ø300 for mod. MDC 350	50	891180273
KIT MF42 - Smoke collector Ø300 for mod. MDC 375	50	891180274
KIT MF43 - Smoke collector Ø300 for mod. MDC 400	50	891180275
Single duct m 1 in P.P. with stainless steel conic terminal Ø80 (one for each basic module)	--	891180095
Single duct m 1 in P.P. with stainless steel conic terminal Ø100 (one for each basic module)	--	891180096

M

MDC high power DUOCONDENSA MODULES



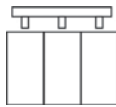
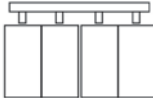


MDC 450 ÷ MDC 900 ★★★★★

PACKAGE CONDENSA MODULES for installation in central heating plant or open cast, **pre-mix and condensing** with **constant and very high efficiency 108,6% working with natural gas** for heating and hot sanitary water production with SILE remote boiler.

Stainless steel 157 KW heat exchanger constitutes base module, flame ionization and continuous modulation electric start with microprocessor. Electronic cascade management and modulating working temperature. Power output entirely available for hot sanitary water production. Complete of external temperature probe, DN 125 hydraulic connectors, gas pipe and condensate collector. Expansion vessels (5 liters) and circulation pumps of primary circuit upstream the separator.

The generators inside the module are protected by the cabinet in electro-galvanized steel, weatherproof grey enamelled, thermally and acoustically insulated, openable and inspectionable, with lifting hooks and adjustable feet Each MODULE has all the safety devices, **fuel interception valve included**, foreseen by "R" regulation 2005, chapter R.3.B. I.N.A.I.L. for boilers with power > 35 kW. IMQ certificate..

condensing

Model	Power output 50/30°C kW	MODULES MDC Composition	Cabinet dimensions (HxLxP) mm	KIT smoke exhaust (optional)	Weight kg	Code natural gas
MDC 450	471	n. 3 BASIC MODULES 	1681x 1810x890	CF 3 Ø 300	630	051520450
MDC 600	628	n. 4 BASIC MODULES 	1681x 2450x890	CF 4 Ø 400	900	051520600
MDC 750	785	n. 5 BASIC MODULES 	1681x 3020x890	CF 5 Ø 400	1080	051520750
MDC 900	942	n. 6 BASIC MODULES 	1681x 3620x890	CF 6 Ø 400	1260	051520900

follows

ACCESSORIES FOR MDC 450 ÷ MDC 900



Hot sanitary water production

Hot sanitary water management by electric board with pump (not included) downstream the hydraulic separator.

Room temperature control with remote management.







Working with modulating temperature with **single** external probe with possibility of remote management.

Series (inside the control panel) there are the probe to be installed outside and the delivery probe to be put downstream the separator.

Hydraulic separator

Hydraulic separator for installation in heating plant, complete of air and drain valve, bars for wall fixing, entirely insulated. Suitable for all the models. It can be replaced by the plate heat exchanger (see accessories).

NB.: Water of Central heating plant must always be treated according to UNI 8065. The plate heat exchangers are assessed for temperatures primary 50-40 °C e secondary 30-40 °C

ACCESSORIES TO COMPLETE		rif. page.	Code
Hydraulic separator DN 125 insulated, with exhaust and drain valve, for central heating plant or coupling with box cod. 907290090		--	891180315
ZB 700 heat exchanger with 60 plates (MDC450) for central heating plant or coupling with box cod. 907290090		42	891180604
ZB 700 heat exchanger with 80 plates (MDC600, MDC750) for central heating plant or coupling with box cod. 907290090		42	891180605
ZB 700 heat exchanger with 100 plates (MDC900) for central heating plant or coupling with box cod. 907290090		42	891180606
Empty box , 2 compartments ; dimensions mm 1215 x 890 x h 1681		--	907290090
Empty box , 3 compartments; dimensions mm 1810 x 890 x h 1681		--	907290091
Filter for mud DN 125		43	907110141
Condensate neutralization NC2 (2 or more neutralizer according to the power used)		43	907261815

KIT CF - STAINLESS STEEL AISI 316 L SMOKE EXHAUST SYSTEM		
KIT CF3 - Smoke collector Ø 300 in stainless steel for MDC 450	50	891180251
KIT CF4 - Smoke collector Ø 400 in stainless steel for MDC 600	50	891180252
KIT CF5 - Smoke collector Ø 400 in stainless steel for MDC 750	50	891180253
KIT CF6 - Smoke collector Ø 400 in stainless steel for MDC 900	50	891180254
Stainless steel single duct m 1 with conic terminal (one for each generator)	--	891180097

M

CE

CONDENSA TM


114 - 150 TM-TMC ★★★★★

Package thermal groups modular floor standing boilers for installation in central heating plant, **pre-mix and condensing** with **constant and very high efficiency**, working with natural gas, for heating and predisposition for hot sanitary water production with SILE remote boiler.

Consisting of: **stainless steel boiler's shell**, forced draught, delivery and return collectors DN80 with right or left outlet, circulation pump, electric board with predisposition for hot sanitary water production.

Electronic control: flame ionization and continuous modulation electric start with microprocessor. Working with modulating temperature with external probe (optional).

Each boiler has all the safety devices, **fuel interception valve included**, foreseen by "R" regulation 2005 (I.N.A.I..L. n. 102/99 dtd 31/12/1999)., for boilers with power > 35 kW

Electric protection IPX4D.

Model	dimensions (HxLxP) mm	empty weight kg
CONDENSA 114 TM	1180x550x880	200
CONDENSA 150 TM	1180x550x880	200

Model	Power output 50/30 °C kW	C.P.I. free	Predisposition to hot sanitary production with Sile tank	Smoke exhaust connection Ø	Apparatus according to R I.N.A.I..L. regulation	Code natural gas
CONDENSA 114 TM	120	●	●	100	●	061600114
CONDENSA 150 TM	157	--	●	100	●	061600150
versions for cascade up to 3 boilers						
CONDENSA 114 TMC	120	--	●	100	●	061630114
CONDENSA 150 TMC	157	--	●	100	●	061630150

OPTIONAL ACCESSORIES

	rif. page	
PROBE external temperature	44	907520502
BASIC REMOTE CONTROL for thermoregulation room (for more zone installations see on page 44)	44	907520053
HEAT EXCHANGER ZB 600 WITH 30 PLATES DN80	42	891180650
Hydraulic separator DN80 flanged with air remover and exhaust	--	907270459
EXPANSION BOARD for electronic function (input 0-10 for remote control and alarm status signal)	44	891180081
SQ board for installation in cascade (only TMC versions)	44	907510407
Filter for mud DN80 (<i>recommended for boiler protection</i>)	43	907110140

KIT CF - STAINLESS STEEL AISI 316 L SMOKE EXHAUST SYSTEM FOR CASCADE VERSIONS

KIT CF2 - Smoke collector Ø300 for two boilers connection	50	891180250
KIT CF3 - Smoke collector Ø300 for three boilers connection	50	891180251

condensing



SILESAT C



User thermal modules for installation on a single condominium unit for distribution and accounting of the energy of heating in case also the conditioning room, A.C.S.-A.F.S., by using heating water, refrigerated, sanitary, produced by centralized heating plant.

The suggested solutions are:

- **System with two tubes for heating**
 - **System with four tubes (only on request), heating and conditioning**
- Sanitary hot and cold water meter with kit ACS and AFS

Model	dimensions box (HxLxP) mm	empty weight kg ~
SILESAT C	500 x 600 x 110	12

SILESAT C with two tubes (heating installation diameter Ø 3/4")

Model	description	Code
SC 20 SX	with 2 way bypass valve (LH connections from central heating plant)	072202011
SC 20 DX	with 2 way bypass valve (RH connections from central heating plant)	072202010
SC 22 SX	with 2 way bypass valve and balance valve (LH connections from central heating plant)	072202111
SC 22 DX	with 2 way bypass valve and balance valve (RH connections from central heating plant)	072202110
SC 21 SX	with 3 way bypass valve (LH connections from central heating plant)	072203011
SC 21 DX	with 3 way bypass valve vie (RH connections from central heating plant)	072203010
SC 23 SX	with 3 way bypass valve and balance valve (LH connections from central heating plant)	072203111
SC 23 DX	with 3 way bypass valve and balance valve (RH connections from central heating plant)	072203110
Built in box with n°4 ball valves Ø 1/2"		072970220



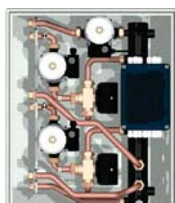
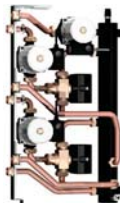
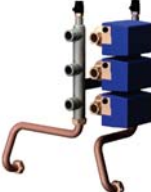
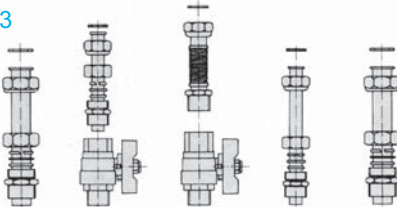
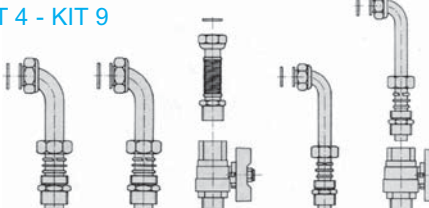
ACCESSORIES FOR HOT SANITARY WATER PRODUCTION	
TBA M Built-in hydraulic separator modulating with remote control and external probe	891180051
KIT-C ACS Kit hot sanitary water meter	072970100
KIT-C AFS Kit cold sanitary water meter	072970101
to be combined with KIT-C: nr. 2 ball valves Ø 1/2"	072970012

COMPLEMENTARY ACCESSORIES	
SILESAT SW Software for remote management by PC	071971101
SILESAT CDP Data centralization until 60 users	071971102
SILESAT CDA Data centralization until 60 users with display	071971103

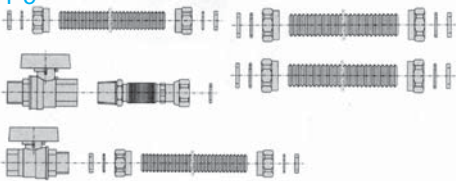
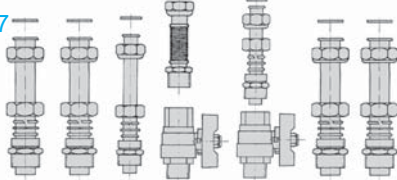
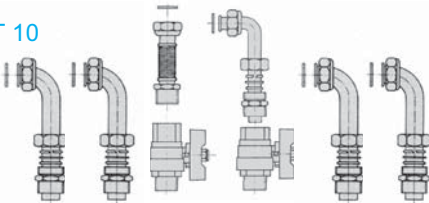
For more users: prices on request - Meter for central heating plant: prices on request.

accounting

HYDRAULIC KIT AND ACCESSORIES FOR BOILER UNTIL TO 35 kW

	Type	Code
<p>TBA</p>  <p>dim. 500 x 180 x h 600</p>	<p>Built in hydraulic separator for zones plants supplied at different temperatures: A underfloor heating (low) and one radiators (high). Consisting of:</p> <ul style="list-style-type: none"> - two circulation pumps - one hydraulic separator with exhaust and drain - thermostatic regulator fixed point - electric board - copper connection pipes <p>Everything added to a galvanized steel container with front door.</p>	<p>891180035</p>
<p>TBA M</p>  <p>dim. 500 x 180 x h 600</p>	<p>Built in hydraulic separator for zones plants supplied at different temperatures: A underfloor heating (low) and one radiators (high). Consisting of:</p> <ul style="list-style-type: none"> - two circulation pumps - one hydraulic separator with exhaust and drain - modulating mixing valve - trigger box, remote control and external probe series - copper connection pipes <p>Everything added to a galvanized steel container with front door.</p>	<p>891180051</p>
<p>TBA 3M 2B1A TBA 3M 2A1B</p>  <p>dim. 500 x 180 x h 600</p>	<p>Built in hydraulic separator for zones plants supplied at different temperatures: A underfloor heating (low) and one radiators (high). Consisting of:</p> <ul style="list-style-type: none"> - three circulation pumps - one hydraulic separator with exhaust and drain - two modulating mixing valves (one for 2A1B) - trigger box, remote control and external probe series - copper connection pipes <p>Everything added to a galvanized steel container with front door.</p>	<p>vers. 3M 2B1A two underfloor circuit (low) and one radiators (high) 891180049</p> <p>vers. 3M 2A1B two radiator circuit (high) and one underfloor (low) 891180048</p>
<p>KIT TBA M3 2B1A KIT TBA M3 2A1B</p> 	<p>Overcharge built in hydraulic separator modulating for 3 zones with remote control and external probe series <u>only for MAXINOX TBA.M and MAXISOL TBA.M</u></p>	<p>vers. M3 2B1A two underfloor circuit (low) and one radiators (high) 891180060</p> <p>vers. M3 2A1B two radiator circuit (high) and one underfloor (low) 891180059</p>
<p>KIT ZONES PLANT Z2-Z3</p> 	<p>Consist of two or three electric valves and complete of hydraulic and electric connections to allow heating plant division in more zones with one temperature 5.24 MAXINOX - 5.32 MAXINOX.</p>	<p>Z2 (2 zones) 891180052</p> <p>Z3 (3 zones) 891180053</p>
<p>KIT 3</p> 	<p>BOILER CONNECTIONS CONDENSA 5.24 MAXINOX - 5.32 MAXINOX, 5.24 MAXISOL - 5.32 MAXISOL, mod. R built in , mod. BI COMPACT built in consisting of:</p> <p>telescopic copper pipes with relatives compression-connection for heating and sanitary, stainless steel flexible gas omologated, gas cock, inlet water cock.</p>	<p>905401032</p>
<p>KIT 4 - KIT 9</p> 	<p>KIT4 - BOILER CONNECTION CONDENSA mod. 5.24-5.28-5.32 R, 5.32 BI</p> <p>KIT 9 - BOILER CONNECTION CONDENSA 5.24-5.28-5.32 BI COMPACT consisting of:</p> <p>telescopic copper pipes with relatives compression-connection for heating and sanitary, stainless steel flexible gas omologated, gas cock, inlet water cock.</p>	<p>KIT 4 891180017</p> <p>KIT 9 891180041</p>










follows **HYDRAULIC KIT AND BOILER ACCESSORIES UNTIL TO 35 kW**

Type	Code	
KIT 5 	STAINLESS STEEL UNIVERSAL CONNECTIONS consisting of: n.1 flexible pipe m 1 - DN 12 for conn. Ø 1/2", n.1 flexible pipe m 1 - DN 16 for conn. Ø 3/4", n. 4 connections F.F. Ø 1/2", n. 4 connections F.F. Ø 3/4", n. 1 extendable joint 100/200 Ø 1/2" with cock, gas omologated, inlet water cock...	891180020
KIT 7 	BOILER CONNECTION 5.24 MAXISOL TBA M - 5.32 MAXISOL TBA M, 5.24 MAXINOX TBA M - 5.32 MAXINOX TBA M, mod. N3V built in consisting of: n. 6 telescopic copper pipes with relatives compressionconnection for heating and sanitary, stainless steel flexible gas omologated, gas cock, inlet water cock.	891180036
KIT 10 	BOILER CONNECTION CONDENSA N3V consisting of: n. 5. telescopic copper pipes with relatives compression connection for heating and sanitary, stainless steel flexible gas omologated, gas cock, inlet water cock.	891180054



condensing accessories

	KIT MX Pump and copper pipes KIT for sanitary recirculated boilers CONDENSA MAXINOX / MAXISOL	891180062
	KIT SM Pump and copper pipes KIT for sanitary recirculated boilers SIM N3V	891180061
	KIT SOLARE DM Mixer group for A.C.S. for natural gas boiler installed in solar plant	907100401
	CONDENSATE DRAIN PUMP Pump in ABS for acid condensate drain produced by boiler series CONDENSA. Capacity 150 l/h, delivery head 4,5 m 230V - 50 Hz	907430110
	SPACER FRAME FOR CONDENSA R -N3V for old boilers replacement The frame allows to space out the boiler from the wall (~60mm) adjusting itself to any attack configuration existing and warranting a perfect aesthetic result	907290113
	COVER ELEMENT FOR CONDENSA R -N3V	907260007

HYDRAULIC KIT AND ACCESSORIES FOR CENTRAL HEATING PLANT HIGHER THAN 35 kW

Type	Code
KIT MD1 HYDRAULIC BALANCING SEPARATOR complete of all accessories, ready to be installed on CONDENSA 50 M, for single installation series, fit to separation the service of different users Dimensions Ø 76 x l= 360 mm, attacks Ø1".	 891180310
KIT MD1 3V HYDRAULIC BALANCING SEPARATOR complete of all accessories, ready to be installed on CONDENSA 50 M, for single installation series, fit to separation the service of different users and to remote tank with three way valve and sanitary probe connection . Dimensions Ø 76 x l= 360 mm, attacks Ø1"	 891180313
KIT MD2 * CONNECTING TWO CONDENSING BOILERS CONDENSA 32 N - 50 N including - inlet and outlet thermo collectors DN65 - condensate collector drain in PP - connection pipes to inlet and return thermo collectors- interception valve with check incorporated (inlet thermo) - interception valve (return thermo) - interception gas valve Ø3/4" - stainless steel extensible and flexible joints - drain cock -profiled, shelves and collars supporting and fixing the pipes. .	mounting and insulation excluded 891180212 premounting, insulation and test included 891180412
 DN65 flanged hydraulic separator insulated with deaerator and drain valve (only in installation with water treatment according to UNI 8065)	891180330
 Heat exchanger ZB400 with 30 plates with DN65 connections	891180607
 Heat exchanger ZB600 with 30 plates with DN65 connections	891180600
KIT MD3 * CONNECTING THREE CONDENSING BOILERS CONDENSA 32 N - 50 N including - inlet and outlet thermo collectors DN65 - condensate collector drain in PP - connection pipes to inlet and return thermo collectors- interception valve with check incorporated (inlet thermo) - interception valve (return thermo) - interception gas valve Ø3/4" - stainless steel extensible and flexible joints - drain cock -profiled, shelves and collars supporting and fixing the pipes. .	mounting and insulation excluded 891180213 premounting, insulation and test included 891180413
 DN65 flanged hydraulic separator insulated with deaerator and drain valve (only in installation with water treatment according UNI 8065)	891180330
 Heat exchanger ZB600 with 30 plates with DN65 connections	891180600
KIT MD4 * CONNECTING FOUR CONDENSING BOILERS CONDENSA 32 N - 50 N including - inlet and outlet thermo collectors DN65 - condensate collector drain in PP - connection pipes to inlet and return thermo collectors- interception valve with check incorporated (inlet thermo) - interception valve (return thermo) - interception gas valve Ø3/4" - stainless steel extensible and flexible joints - drain cock -profiled, shelves and collars supporting and fixing the pipes. .	mounting and insulation excluded 891180214 premounting, insulation and test included 891180414
 DN65 flanged hydraulic separator insulated with deaerator and drain valve (only in installation with water treatment according UNI 8065)	891180330
 Heat exchanger ZB600 with 30 plates with DN65 connections	891180600

* The KIT MD do not include **hydraulic separator or plate heat exchanger** but are completed of all accessories according I.N.A.I.L. "R" chapter R.3.B. and 102/99 circular 31/12/99 (fuel interception valve excluded).Indicate, in the order, the right or left connections of thermo inlet/outlet

	FUEL INTERCEPTION VALVE Fuel interception valve 1"1/4 for power up to 230 kW (CONDENSA mod. CASCATA e mod. DUOCASCATA 225)	907110011
	Fuel interception valve 1"1/2 for power up to 580 kW (CONDENSA mod. DUOCASCATA 250 to 400)	907110038
	CIRCULATION PUMP Circulation electropump for thermal groups CONDENSA 75-100 M	907430206

follows

follows **HYDRAULIC KIT AND ACCESSORIES FOR CENTRAL HEATING PLANT HIGHER THAN 35 kW**

Type	Code
<p>KIT MA1 *</p> <p>CONNECTING ONE CONDENSING BOILER CONDENSA 75 M o 100 M including .inlet and outlet thermo collectors DN65 - condensate collector drain in PP - connection pipes to inlet and return thermo collectors - circulation pump - interception valve - check (inlet thermo) - interception valve (return thermo) - interception gas valve Ø3/4" - expansion vessel I.5 - drain cock -profiled, shelves and collars supporting and fixing the pipes. ...</p>	<p>mounting and insulation excluded 891180218</p> <p>premounting, insulation and test included 891180418</p>
▶ Hydraulic separator DN65 insulated with deaerator and drain valve (only in installation with water treatment according UNI 8065)	891180330
Heat exchanger ZB400 with 30 plates with DN65 connections	891180607
<p>KIT MA2 *</p> <p>CONNECTING TWO CONDENSING BOILERS CONDENSA 75 N o 100 N (until to DUOCASCATA 200) including: . inlet and outlet thermo collectors DN65 - condensate collector drain in PP - connection pipes to inlet and return thermo collectors - circulation pump - interception valve - check (inlet thermo) - interception valve (return thermo) - interception gas valve Ø3/4" - expansion vessel I.5 - drain cock -profiled, shelves and collars supporting and fixing the pipes</p>	<p>mounting and insulation excluded 891180215</p> <p>premounting, insulation and test included 891180415</p>
▶ Hydraulic separator DN65 insulated with deaerator and drain valve (only in installation with water treatment according UNI 8065)	891180330
Heat exchanger ZB600 with 30 plates with DN65 connections	891180600
<p>KIT MA3 *</p> <p>CONNECTING THREE CONDENSING BOILERS CONDENSA 75 N o 100 N (DUOCASCATA 225-250) including: inlet and outlet thermo collectors DN65 - condensate collector drain in PP - connection pipes to inlet and return thermo collectors - circulation pump - interception valve - check (inlet thermo) - interception valve (return thermo) - interception gas valve Ø3/4" - expansion vessel I.5 - drain cock -profiled, shelves and collars supporting and fixing the pipes</p>	<p>mounting and insulation excluded 891180216</p> <p>premounting, insulation and test included 891180416</p>
▶ Hydraulic separator DN65 insulated with deaerator and drain valve (only in installation with water treatment according UNI 8065)	891180330
Heat exchanger ZB600 with 40 plates with DN65 connections	891180601
<p>KIT MA3/1 *</p> <p>CONNECTING FOR DUOCASCATA 275 e 300 including: inlet and outlet thermo collectors DN65 - condensate collector drain in PP - connection pipes to inlet and return thermo collectors - circulation pump - interception valve - check (inlet thermo) - interception valve (return thermo) - interception gas valve Ø3/4" - expansion vessel I.5 - drain cock -profiled, shelves and collars supporting and fixing the pipes</p>	<p>mounting and insulation excluded 891180219</p> <p>premounting, insulation and test included 891180419</p>
▶ Hydraulic separator DN80 insulated with deaerator and drain valve (only in installation with water treatment according UNI 8065)	891180331
Heat exchanger ZB600 with 40 plates with DN80 connections	891180651
<p>KIT MA4 *</p> <p>CONNECTING FOUR CONDENSING BOILERS CONDENSA 75 N o 100 N (until to DUOCASCATA 400) including: inlet and outlet thermo collectors DN65 - condensate collector drain in PP - connection pipes to inlet and return thermo collectors - circulation pump - interception valve - check (inlet thermo) - interception valve (return thermo) - interception gas valve Ø3/4" - expansion vessel I.5 - drain cock -profiled, shelves and collars supporting and fixing the pipes.</p>	<p>mounting and insulation excluded 891180217</p> <p>premounting, insulation and test included 891180417</p>
▶ Hydraulic separator DN 80 insulated with deaerator and drain valve (only in installation with water treatment according UNI 8065)	891180331
Heat exchanger ZB600 with 50 plates with DN80 connections	891180602
Heat exchanger ZB700 with 50 plates MAXI with DN80 connections	891180603

* The KIT MA do not include **hydraulic separator or plate heat exchanger** but are completed of all accessories according I.N.A.I.L. "R" chapter R.3.B. and 102/99 circular 31/12/99 (fuel interception valve excluded).Indicate, in the order, the right or left connections of thermo inlet/outlet










Hydraulic separator



Flanged plates heat exchanger

condensing accessories




PLATES HYDRAULIC HEAT EXCHANGER FOR CENTRAL HEATING PLANT

description		Technical data						Code
	HEAT EXCHANGER ZB 400 with 30 PLATES Complete of flange connections DN65 to inlet/outlet collectors KIT MD - MA	Primary 80/65 °C secondary 55/70 °C			Primary 50/40 °C secondary 30/40 °C			891180607
		Useful yield kW	Loss of pressure mbar	Capacity sec. m ³ /h	Useful yield kW	Loss of pressure mbar	Capacity sec. m ³ /h	
		125	200	7,2	85	20	7,3	
	HEAT EXCHANGER ZB 600 with 30 PLATES Complete of flange connections DN65 or DN80 to inlet/outlet collectors KIT MD - MA	Primary 80/65 °C secondary 55/70 °C			Primary 50/40 °C secondary 30/40 °C			with collectors DN65 891180600
		Useful yield kW	Loss of pressure mbar	Capacity sec. m ³ /h	Useful yield kW	Loss of pressure mbar	Capacity sec. m ³ /h	with collectors DN80 891180650
		270	280	15,5	200	310	18	
	HEAT EXCHANGER ZB 600 with 40 PLATES Complete of flange connections DN65 or DN80 to inlet/outlet collectors KIT MD - MA	Primary 80/65 °C secondary 55/70 °C			Primary 50/40 °C secondary 30/40 °C			with collectors DN65 891180601
		Useful yield kW	Loss of pressure mbar	Capacity sec. m ³ /h	Useful yield kW	Loss of pressure mbar	Capacity sec. m ³ /h	with collectors DN80 891180651
		350	290	20	290	36	25,0	
	HEAT EXCHANGER ZB 600 with 50 PLATES Complete of flange connections DN80 to inlet/outlet collectors KIT MA	Primary 80/65 °C secondary 55/70 °C			Primary 50/40 °C secondary 30/40 °C			891180602
		Useful yield kW	Loss of pressure mbar	Capacity sec. m ³ /h	Useful yield kW	Loss of pressure mbar	Capacity sec. m ³ /h	
		450	300	25,8	350	330	30,0	
	HEAT EXCHANGER ZB 700 with 50 PLATES MAXI Complete of flange connections DN80 to inlet/outlet collectors KIT MA	Primary 80/65 °C secondary 55/70 °C			Primary 50/40 °C secondary 30/40 °C			891180603
		Useful yield kW	Loss of pressure mbar	Capacity sec. m ³ /h	Useful yield kW	Loss of pressure mbar	Capacity sec. m ³ /h	
		700	480	40	460	480	40,0	
	HEAT EXCHANGER ZB 700 with 60 PLATES Complete of flange connections DN125 to inlet/outlet collectors	Primary 80/65 °C secondary 55/70 °C			Primary 50/40 °C secondary 30/40 °C			891180604
		Useful yield kW	Loss of pressure mbar	Capacity sec. m ³ /h	Useful yield kW	Loss of pressure mbar	Capacity sec. m ³ /h	
		930	520	53	500	490	50,5	
	HEAT EXCHANGER ZB 700 with 80 PLATES Complete of flange connections DN125 to inlet/outlet collectors	Primary 80/65 °C secondary 55/70 °C			Primary 50/40 °C secondary 30/40 °C			891180605
		Useful yield kW	Loss of pressure mbar	Capacity sec. m ³ /h	Useful yield kW	Loss of pressure mbar	Capacity sec. m ³ /h	
		1300	550	70	815	550	70,8	
	HEAT EXCHANGER ZB 700 with 100 PLATES Complete of flange connections DN125 to inlet/outlet collectors	Primary 80/65 °C secondary 55/70 °C			Primary 50/40 °C secondary 30/40 °C			891180606
		Useful yield kW	Loss of pressure mbar	Capacity sec. m ³ /h	Useful yield kW	Loss of pressure mbar	Capacity sec. m ³ /h	
		1550	530	90	950	470	80,9	

WATER TREATMENT

Type		Code
	DE-SLUDGING FILTER DN 125 SEPARATOR SLUDGE PARTICLES Model for installation on : Modules MDC high power MDC 450+MDC 900	907110141
	DE-SLUDGING FILTER DN 80 SEPARATOR SLUDGE PARTICLES Model for installation on MDC 275+MDC 400 e CONDENZA TM-TMC	907110140
	DE-SLUDGING FILTER DN 65 SEPARATOR SLUDGE PARTICLES Model for installation on CASCATA 80+200; DUOCASCATA 114+250; MC 80+MC 200 e MDC114+250	907110139
	DE-SLUDGING FILTER Ø 1"1/4 SEPARATOR SLUDGE PARTICLES Model for installation of single boiler: 50 M - 75 M - 100 M, 50 M3V, MC 50 M - MC 50 M3V	907110137
	DE-SLUDGING FILTER Ø 3/4" SEPARATOR SLUDGE PARTICLES Horizontal model for installation of single boiler CONDENZA 3.15, 5.24 - 5.28 - 5.32	907110135
		907110142 with magnet
	Vertical model for built-in system CONDENZA R-N3V, BI	907110136
	CONDENSATE NEUTRALIZER NC1 FOR BOILERS UNTIL TO 250 kW OF POWER Filter for condensate water neutralization produced by condensing boilers. Consisting of: container - filter cartridge and interception valve	907261800
		Cartridge recharge for box NC1 (capacity filtering 25.000 liters)
	CONDENSATE NEUTRALIZER NC2 FOR BOILERS UNTIL TO 400 kW OF POWER Filter for condensate water neutralization produced by condensing boilers. Consisting of: container - filter cartridge and interception valve	907261815
		Cartridge recharge for box NC2 (capacity filtering 7.000 liters)
	ANTI-LIMESTONE FILTER SESI Ø 3/4" Electrolytic device, non magnetic, for limestone prevention for domestic users' hot sanitary water. It lasts 10 year without maintenance	907720059

THERMOREGULATION

	Type	Code																																								
	<p>EXTERNAL TEMPERATURE PROBE</p> <p>It allows the boiler's working at sliding temperature adapting the boiler's delivery temperature to the external temperature variations.</p>	907520502																																								
	<p>BASIC REMOTE CONTROL</p> <p>For the complete thermo regulation room, possibility of modulation with external temperature probe. For multi - zones system the Remote Control is ready for the display. The ignition of the boiler is delegated to the zone chronothermostats. For multi - zones system with TBA.M the Remote Control is installed in the low temperature zone with all functions of chronothermostat and boiler control.</p>	907520053																																								
	<p>EXPANSION BOARD of ELECTRONIC FUNCTIONALITY</p> <p>This card, according boiler model (see table below), allows the following functions:</p> <p>A) management of a remixing pump of water tank for total contol antilegionella in the soalr tank B) control of drain thermo electrovalve C) inlet 0-10 volts for the boiler telemanagement (not implemented in the SolarSystem card) D) clean contact for remote alarm states</p> <table border="1" data-bbox="622 884 1085 1075"> <thead> <tr> <th>boiler model</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>Condensa R-Jet</td> <td>•</td> <td>--</td> <td>•</td> <td>•</td> </tr> <tr> <td>Condensa N3V</td> <td>•</td> <td>•</td> <td>•*</td> <td>•</td> </tr> <tr> <td>Condensa 5.24R SolarSystem</td> <td>•</td> <td>--</td> <td>•</td> <td>•</td> </tr> <tr> <td>Condensa BI-TBI-COMPACT</td> <td>•</td> <td>--</td> <td>•</td> <td>•</td> </tr> <tr> <td>Condensa Maxinox</td> <td>•</td> <td>--</td> <td>•</td> <td>•</td> </tr> <tr> <td>Condensa Maxisol</td> <td>--</td> <td>•</td> <td>--</td> <td>•</td> </tr> <tr> <td>Condensa 50-75-100 M</td> <td>•</td> <td>•</td> <td>•*</td> <td>•</td> </tr> </tbody> </table> <p>* implementable, but in this case get lost function B and SolarSystem functionality, and the change imply also the substitutin of electric board</p>	boiler model	A	B	C	D	Condensa R-Jet	•	--	•	•	Condensa N3V	•	•	•*	•	Condensa 5.24R SolarSystem	•	--	•	•	Condensa BI-TBI-COMPACT	•	--	•	•	Condensa Maxinox	•	--	•	•	Condensa Maxisol	--	•	--	•	Condensa 50-75-100 M	•	•	•*	•	891180081
boiler model	A	B	C	D																																						
Condensa R-Jet	•	--	•	•																																						
Condensa N3V	•	•	•*	•																																						
Condensa 5.24R SolarSystem	•	--	•	•																																						
Condensa BI-TBI-COMPACT	•	--	•	•																																						
Condensa Maxinox	•	--	•	•																																						
Condensa Maxisol	--	•	--	•																																						
Condensa 50-75-100 M	•	•	•*	•																																						
 <p>new available from 3rd quarter 2012</p>	<p>ENERGY MANAGER</p> <p>Module for the management of integrated hybrid systems with several energy sources for building air-conditioning and the use of renewable energies.</p>	907520530																																								
	<p>GENERAL ELECTRIC PANEL FOR SEQUENTIAL ADJUSTMENT mod. SQ</p> <p>General control panel for two, three or four generators with sequen- ce card and digital interface, removable, with display for setting and adjustment operations of the system. Management two circuits downstream of the separator, one direct circuit with circulation pump also modulating and one mixed circuit with motorized valve. Functioning smooth-sliding, temperature with only one external probe and delivery probes return, mixed and sanitary circuit. Predisposition for the hot sanitary water management, programming watches for each circuit. Possibility of telemanagement with temperature regulation system and (inlet 0-10v).</p>	907510407																																								
	<p>EXPANSION ELECTRIC PANEL E-SQ</p> <p>E-SQ1 Management of one additional mixed zone or one solar circuit.</p> <p>E-SQ2 Management of two additional mixed zones or one additional mixed zone and one solar circuit.</p>	907511251 907511252																																								
 <p>new available from 3rd quarter 2012</p>	<p>SILBOX</p> <p>Supervision system for centralized plants with graphic interface for the system view coupling with SQ panel.</p>	9077520531																																								

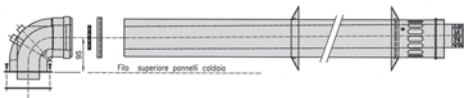
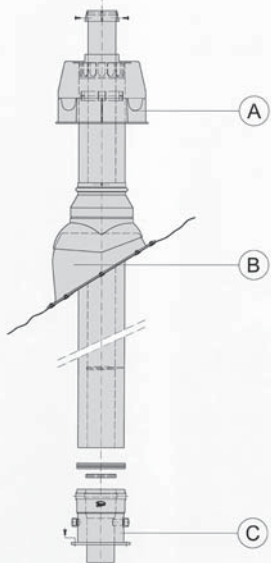
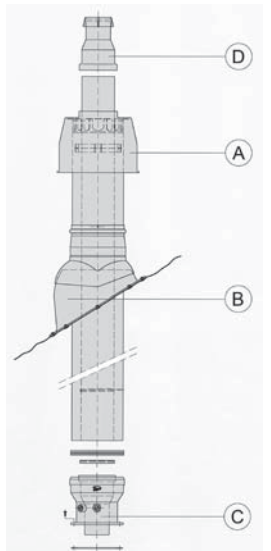
condensing accessories

SMOKE SUCTION/EXHAUST IN PP (polypropylene) CONDENSING

RULE UNI 7129/2008 - 11071/2003.

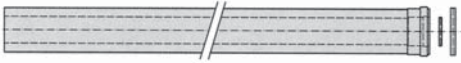
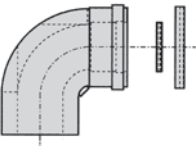
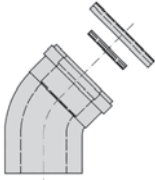
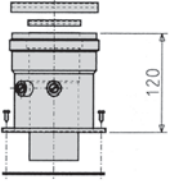

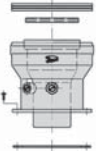
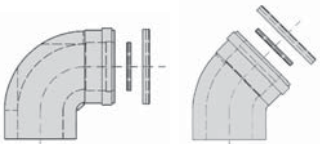
"...the combustion air supply ducts and exhaust smoke, equipped with relative terminal, **must be provided directly by boiler manufacturer** because they form integrating part of itself".

KIT AC-TC - EXHAUST CONCENTRIC SMOKE WALL AND ROOF

	Type	Code
<p>KIT AC</p> 	<p>EXHAUST CONCENTRIC SMOKE Ø60 / Ø100 mm Consisting of</p> <ul style="list-style-type: none"> - concentric curve Ø60/Ø100 mm flanged at 90° multi-directional with attacks for drawing air/smoke, internal curve exhaust smoke in PP - concentric pipe by m 1 with internal duct of exhaust smoke in PP, with suction grating, drain and wall cover silicone plugs, Ø60/Ø100 mm. 	<p>907261128</p>
<p>KIT TC5</p> 	<p>CONCENTRIC ROOF CHIMNEY WITH EXTENSION Ø60 / Ø100 mm, internal duct in PP. Consisting of:</p> <ul style="list-style-type: none"> - A) concentric roof tube suction/exhaust with internal exhausting smoke duct in PP. - B) Flashing with lead chimney weathering. - C) Concentric vertical stub pipe flanged Ø 60/Ø 100 mm with pipe connections for drawing air/smoke and internal duct for exhaust smoke in PP; silicone lip gaskets and neoprene gasket. 	<p>907261132</p>
<p>KIT TC6</p> 	<p>CONCENTRIC ROOF CHIMNEY WITH EXTENSION Ø80 / Ø125 mm, internal duct in PP. Consisting of:</p> <ul style="list-style-type: none"> - A) roof tube suction/exhaust concentric with internal duct of exhaust smoke in PP. - B) Flashing with lead chimney weathering - C) concentric vertical stub pipe flanged Ø60/Ø100 - Ø80/Ø125 mm with attacks for drawing air/smoke and internal duct exhaust smoke in PP; silicone lip gaskets and neoprene gasket. - D) Reduction M.F. Ø60/Ø80 mm in PP. 	<p>907261165</p>

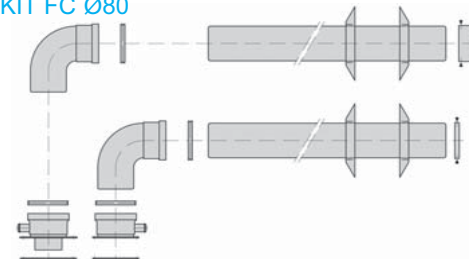
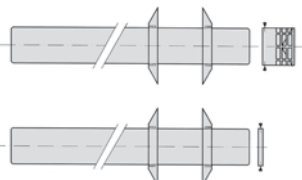
condensing accessories

ACCESSORIES FOR KIT AC-TC - WALL AND ROOF CONCENTRIC EXHAUST SMOKE

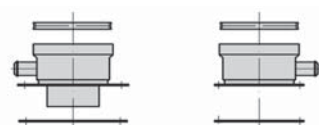



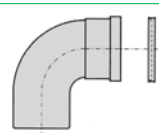
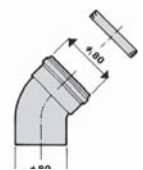
	Type	Code
	Concentric pipe Ø60/Ø100 mm by m 0,5 with internal duct in PP.	907261130
	Concentric pipe Ø60/Ø100 mm by m 1 with internal duct in PP.	907261129
	Concentric curve Ø60/Ø100 M.F. at 90° with internal duct in PP.	907261122
	Concentric curve Ø60/Ø100 M.F. at 45° with internal duct in PP.	907261148
	Concentric stub pipe Ø60/Ø100 vertical flanged with connections for suction air/smoke and internal duct in PP. silicone lip gaskets and neoprene gaskets.	907261123
	Concentric pipe Ø80/Ø125 mm by m 1 with internal duct in PP.	907261162
	Concentric pipe Ø80/Ø125 mm by m 0,5 with internal duct in PP.	907261161
	Concentric stub pipe vertical flanged Ø60/Ø100 - Ø80/Ø125 mm with attacks suction air/smoke, internal duct in PP.	907261166
	Concentric curve Ø80/Ø125 mm M.F. at 90°, internal duct in PP.	907261163
	Concentric curve Ø80/Ø125 mm M.F. at 45°, internal duct in PP.	907261164

condensing accessories


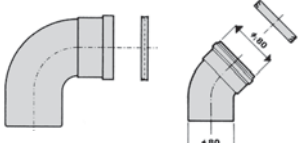
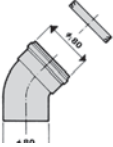



KIT FC - EXHAUST SMOKE SPLITTED Ø80 / Ø60 mm

Type	Code
<p>KIT FC Ø80</p>  <p>KIT FC Ø80 - SUCTION AIR PIPE AND SMOKE EXHAUST SPLITTED Ø80 mm. Consisting of:</p> <ul style="list-style-type: none"> - n. 2 flanged vertical attacks air/smoke in PP. - n. 2 curves in PP Ø80 at 90° multidirectionals M.F. with connections for suction air/smoke. - n. 2 terminals in PP Ø80 by m 1 (external air intake and wall exhaust smoke). - n. 4 ring nuts wall cover in EPDM Ø80. 	907261131
<p>KIT FC Ø60</p>  <p>KIT FC Ø60 - SUCTION AIR PIPE AND SMOKE EXHAUST SPLITTED Ø60 mm. Consisting of:</p>	907261230
<p>n. 1 terminal in PP Ø60 by m 1 with ring nuts cover wall (air suction).</p>	907261231
<p>n. 1 terminal in PP Ø60 by m 1 with ring nuts cover wall (air exhaust).</p>	

ACCESSORIES KIT FC - EXHAUST SMOKE SPLITTED Ø80 / Ø60 mm

	Flanged stub pipe of suction and exhaust in PP Ø80	907261141
	KIT FITTINGS "T" type (M-M-F) Ø 60 in P.P. with cap for condensate collect Ø 60 in P.P.	891180042
	Reduction (M-F) Ø80/Ø60 in P.P.	907261238
	Extension in PP Ø80 by m 0,5	907261127
	KIT n.10 pz. extensions in PP Ø80 by m 0,5	907261187
	Extension in PP Ø80 by m 1	907261126
	KIT n.10 pz. extensions in PP Ø80 by m 1	907261188
	Extension in PP Ø80 by m 2	907261175
	Extension in PP Ø60 by m 1	907261234
	Curve in PP Ø80 M.F. to 90°	907261125
	KIT n.10 pz. curves in PP Ø80 M.F. to 90°	907261189
	Curve in PP Ø60 M.F. to 90°	907261232
	Curve in PP Ø80 M.F. to 45°	907261133
	Curve in PP Ø60 M.F. to 45°	907261233

ACCESSORIES EXHAUST SMOKE SPLITTED Ø100 mm

Type	Code
	907261240
	907261242
	907261243
	907261244
	907261585
	891180044

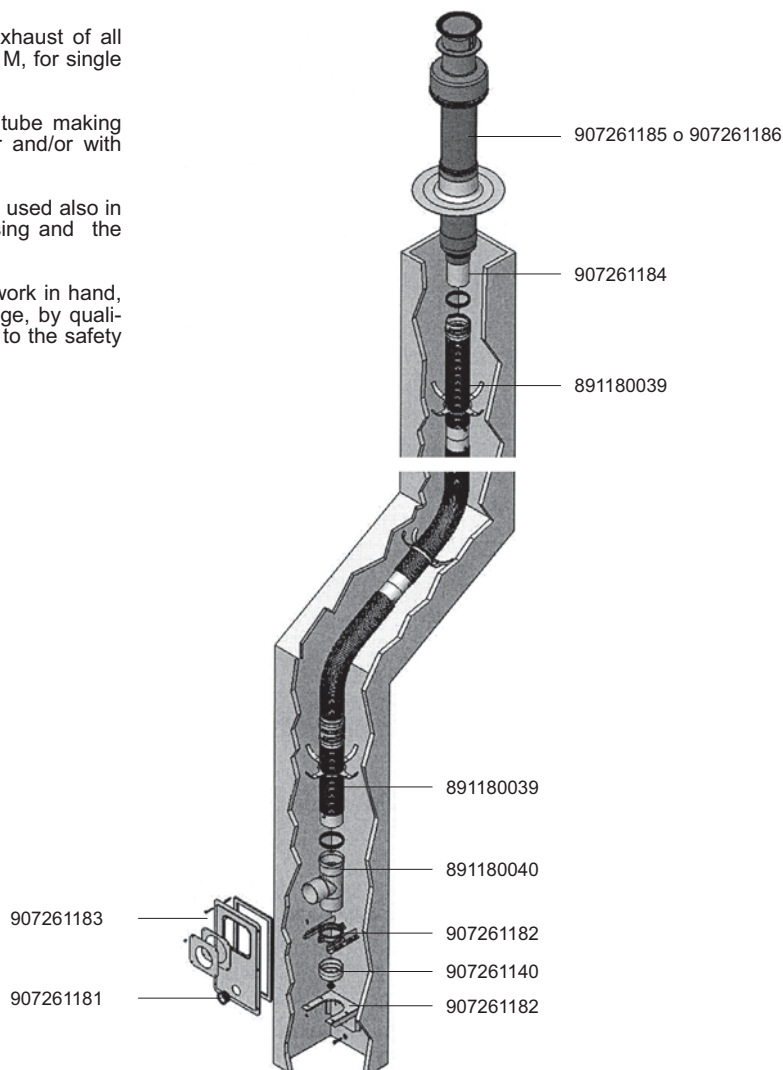
FLEXIBLE EXHAUST SMOKE SYSTEM IN P.P. Ø 80 mm TUBING

This tubing typology is adopted for roof smoke exhaust of all series SILE condensing boiler, included model 50 M, for single installation.

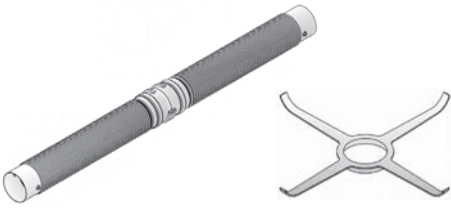


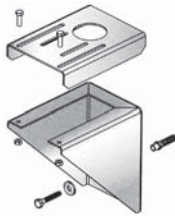
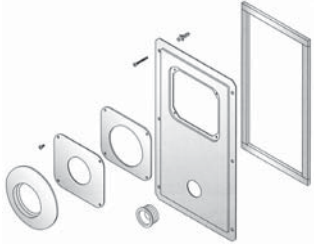
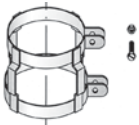
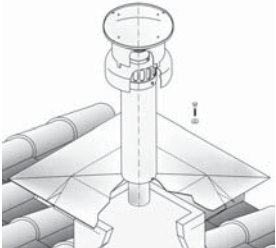
Allows the utilization of chimney or existing fire tube making easy the installation also in ducts not rectilinear and/or with considerable axes offset.

The system is allowed (UNI 11071-03) and can be used also in new constructions for the extreme flexibility of using and the facility of installation.

The complete system foresees the assembling in work in hand, of seven particulars described on the following page, by qualified installer respecting law prescriptions relatives to the safety installation.



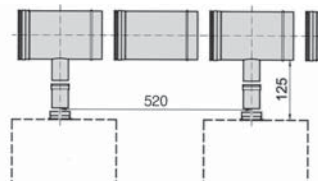
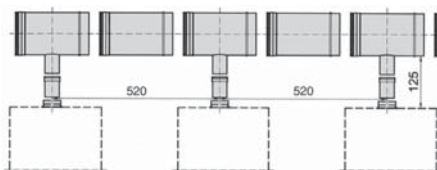

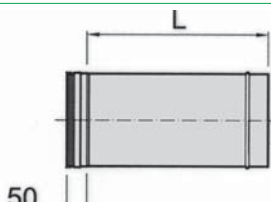
ACCESSORIES FOR FLEXIBLE EXHAUST SMOKE SYSTEM Ø80 mm

	Type	Code
	KIT m 20 of flexible pipe Ø 80 complete of n. 6 flexible centerings.	891180039
	KIT FITTINGS "T" type (M-M-F) Ø 80 with cap for condensate collect	891180040
	TRAP condensate drain with 45 cm of flexible pipe	907261181
	KIT BRACKET of chimney support	907261182
	KIT PLATE of chimney front hole closing	907261183
	HOSE CLAMP couplings (anti vent) for pipes Ø 80.	907261184
	KIT EXHAUST TERMINAL concentric Ø 80/125 stell roof tile of closing chimney quadrangular .	907261185
	KIT EXHAUST TERMINAL concentric Ø 80/125 stell roof tile of closing chimney round .	907261186

condensing accessories

STAINLESS STEEL AISI 316 L EXHAUST SMOKE

KIT MF

Type	Code	
KIT MF2... 	STAINLESS STEEL SMOKE COLLECTOR FOR TWO BOILERS CONNECTION kit consists of: - n. 2 tee elements Ø230 mm / Ø80 mm, l=400 - n. 2 linear elements Ø80/100 mm - n. 1 linear element Ø230 mm, l=320 tot. - n. 2 curves 45° Ø100 - n. 1 inspection cap Ø230 mm - n. 1 bracket - n. 3 hose clamps	KIT MF2 891180242
	KIT MF21 891180245	
	KIT MF22 891180246	
KIT MF3... 	STAINLESS STEEL SMOKE COLLECTOR FOR THREE BOILERS CONNECTION kit consists of: - n. 3 tee elements Ø230 o Ø300 mm / Ø80 mm, l=400 tot. - n. 3 linear elements Ø80/100 mm - n. 2 linear elements Ø230 o Ø300 mm, l=320 tot. - n. 3 curves 45° Ø100 - n. 1 inspection cap Ø230 /300 mm - n. 2 brackets - n. 5 hose clamps	KIT MF3 (Ø230) 891180243
	KIT MF31 (Ø230) 891180247	
	KIT MF32 (Ø300) 891180270	
	KIT MF33 (Ø300) 891180271	
KIT MF4... 	STAINLESS STEEL SMOKE COLLECTOR FOR THREE BOILERS CONNECTION STAINLESS STEEL SMOKE COLLECTOR FOR FOUR BOILERS CONNECTION kit consists of: - n. 4 tee elementi Ø230 o Ø300 mm / Ø80 mm, l=400 tot. - n. 4 linear elements Ø80/100 mm - n. 3 linear elements Ø230 o Ø300 mm, l=320 tot. - n. 4 curves 45° Ø100 - n. 1 inspection cap Ø230/300 mm - n. 3 brackets - n. 7 hose clamps	KIT MF4 (Ø230) 891180244
	KIT MF40 (Ø300) 891180272	
	KIT MF41 (Ø300) 891180273	
	KIT MF42 (Ø300) 891180274	
	KIT MF43 (Ø300) 891180275	
	Linear element Ø230 mm L = 950 mm	907261500
	Linear element Ø300 mm L = 950 mm	907261526
	Linear element Ø230 mm L = 450 mm	907261501
	Linear element Ø300 mm L = 450 mm	907261525
	Linear element Ø230 mm L = 250 mm	907261502
	Linear element Ø300 mm L = 250 mm	907261524

For single installation 50M use pipe in PP Ø 80 for exhaust smoke and possible suction external air (see KIT FC).

KIT CF

KIT CF2 - Stainless steel smoke collectors for two boilers connection kit consists of: n. 2 Tee elements Ø 300 mm / Ø 100 mm, n. 2 linear elements Ø 100 mm, n. 1 linear element Ø 300 mm, n. 1 inspection cap Ø 300 mm, n. 1 bracket, n. 3 hose clamps	891180250
KIT CF3 - Stainless steel smoke collectors for three boilers connection kit consists of: n. 3 Tee elements Ø 300 mm / Ø 100 mm, n. 3 linear elements Ø 100 mm, n. 2 linear elements Ø 300 mm, n. 1 inspection cap Ø 300 mm, n. 2 brackets, n. 5 hose clamps	891180251
KIT CF4 - Stainless steel smoke collectors for four boilers connection kit consists of: n. 4 Tee elements Ø 400 mm / Ø 100 mm, n. 4 linear elements Ø 100 mm, n. 3 linear elements Ø 400 mm, n. 1 inspection cap Ø 400 mm, n. 3 brackets, n. 7 hose clamps	891180252
KIT CF5 - Stainless steel smoke collectors for five boilers connection kit consists of: n. 5 Tee elements Ø 400 mm / Ø 100 mm, n. 5 linear elements Ø 100 mm, n. 4 linear elements Ø 400 mm, n. 1 inspection cap Ø 400 mm, n. 4 brackets, n. 9 hose clamps	891180253
KIT CF6 - Stainless steel smoke collectors for six boilers connection kit consists of: - n. 6 Tee elements Ø 400 mm / Ø 100 mm, n. 6 linear elements Ø 100 mm, n. 5 linear elements Ø 400 mm, n. 1 inspection cap Ø 400 mm, n. 5 brackets, n. 11 hose clamps	891180254



SUPERAPIDA R

23 - 26 - 31 R ★★★

Wall hung boiler *with very high efficiency* (D.P.R. 660/96), working with natural gas or L.P.G., forced draught, **sealed chamber** and electronic ignition, continuous flame modulation, modulating temperature, atmospheric burner, **instantaneous hot sanitary water production**, electronic control with microprocessor, circulation pump, expansion vessel and control board. FAC function anti-calcareous.

Mod. 26 R Esterna

Wall hung boiler for external protected installation, double antifreeze protection, vertical concentric connection for air suction / exhaust smoke.

Series remote control with room thermoregulation for one zone temperature installation; for several zones installation, see note at page 62. External temperature probe (optional). FAC function anti-calcareous.

Model	Dimensions (HxLxP) mm	Empty weight kg
23 R	800 x 450 x 250	41
26 R - 26 R Esterna	800 x 500 x 250	42
31 R	800 x 600 x 250	43

Model	Power output		Anti calcareous function sanitary circuit	Continuous modulating electronic ignition	Bypass incorporated	Hot sanitary water production Δt 30°C l/min	Code natural gas L.P.G.	Price €
	kW	kcal/h						
SUPERAPIDA 23 R	23,30	20.038	●	●	--	11,13	IPX4D	031311023 <i>031312023</i>
SUPERAPIDA 26 R	27,00	23.220	●	●	●	12,91	IPX4D	031311026 <i>031312026</i>
SUPERAPIDA 31 R	31,70	27.262	●	●	●	15,14	IPX4D	031311031 <i>031312031</i>
SUPERAPIDA 26 R Esterna	27,00	23.220	●	●	●	12,91	IPX5D	031321026 <i>031322026</i>

N.B.: All the air exhaust/suction kit has to be added to the boiler price. Gas type has to be indicated on orders. Changes in place of installation will be charged. (use only the terminals and the ducts guaranteed by the boiler manufacturer see norms UNI 7129-2008, 11071-2003)

OPTIONAL ACCESSORIES	rif. page	
TBA built in hydraulic separator with fix point	60	891180035
KIT 4 boiler connection	60	891180017
KIT 5 stainless steel univesral connections	60	891180020
KIT 6 boiler connection with by-pass (mod. 23 R)	60	891180021
KIT antifreeze	62	891180013
PROBE external temperature (better to be installed with room thermoregulation)	44	907520502
BASIC REMOTE CONTROL for room thermoregulation for one zone installation, for more zones see KIT ZS on page 62 (for 23-26-31R)	62	907520053
"S" pump high head (90 W)	61	907430151
BOX BUILT for external installation mod. 23-26 R (265 x 600 x h 1300)	--	907290051
BOX BUILT for external installation mod. 31 R (265 x 700 x h 1200)	--	907290053
Perforation template in predrilled plastic material for SUPERAPIDA 23, 26 R e 26 R Esterna	--	907790007
Perforation template in predrilled plastic material for SUPERAPIDA 31 R	--	907790010

KIT SUCTION - EXHAUST SMOKES (mod. 23 - 26 - 31 R only)		
KIT A concentric exhaust smoke $\varnothing 60 / \varnothing 100$	63	907260215
KIT B concentric exhaust smoke $\varnothing 60 / \varnothing 80-125$	63	907261110
KIT D exhaust smoke splitted in two $\varnothing 80 / \varnothing 80$ with splitter	66	907260169
KIT C4 roof concentric exhaust smoke $\varnothing 60 / \varnothing 100$	64	907261118
KIT C3 roof concentric exhaust smoke $\varnothing 80 / \varnothing 125$	63	907261113

atmospheric

23 R ★★★

Wall hung boiler *with very high efficiency* (D.P.R. 660/96), working with natural gas or L.P.G., forced draught, **sealed chamber** and electronic ignition, continuous flame modulation, modulating temperature, atmospheric burner, **instantaneous hot sanitary water production**, electronic control with microprocessor, circulation pump, expansion vessel and control board with display.

Electric protection IPX4D



Model	Dimensions (HxLxP) mm	Empty weight kg
23 R	750 x 450 x 250	39

Model	Power output		By pass incorporated	Hot sanitary water production Δt 30°C l/min	Code natural gas <i>L.P.G.</i>
	kW	kcal/h			
SUPERAPIDA.COM 23 R	23,30	20.038	●	11,13	031311025 <i>031312025</i>

N.B.: All the air exhaust/suction kit has to be added to the boiler price. Gas type has to be indicated on orders. Changes in place of installation will be charged .
(use only the terminals and the ducts guaranteed by the boiler manufacturer see norms UNI 7129-2008, 11071-2003)

OPTIONAL ACCESSORIES	rif. page	
TBA built in hydraulic separator with fix point	60	891180035
KIT 1 boiler connection consisting of: copper telescopic pipes with their respective pressure connections for thermo and sanitary, stainless steel flexible gas omologated, gas cock, inlet sanitary water cock.	--	891180063
KIT 5 stainless steel universal connections	60	891180020
KIT antifreeze with fuse	62	891180013
PROBE external temperature (better to be installed with room thermoregulation)	44	907520502
BASIC REMOTE CONTROL for room thermoregulation for one zone installation, for more zones see KIT ZS on page 62	62	907520053
cover element	62	907260008
BOX BUILT for external installation (265 x 600 x h 1300)	--	907290051
Perforation template in predrilled plastic material	--	907790027

KIT SUCTION/EXHAUST SMOKE I		
KIT A concentric exhaust smoke $\varnothing 60 / \varnothing 100$	63	907260215
KIT B concentric exhaust smoke $\varnothing 60 / \varnothing 80-125$	63	907261110
KIT D exhaust smoke splitted in two $\varnothing 80 / \varnothing 80$ with splitter	66	907260169
KIT C4 roof concentric exhaust smoke $\varnothing 60 / \varnothing 100$	64	907261118
KIT C3 roof concentric exhaust smoke $\varnothing 80 / \varnothing 125$	63	907261113

SUPERAPIDA R JET SILE

23 - 26 R JET ★★ ★

Wall hung boiler *with very high efficiency* (D.P.R. 660/96), working with natural gas or L.P.G., forced draught, **sealed chamber** and electronic ignition, continuous flame modulation, modulating temperature, atmospheric burner, *instantaneous hot sanitary water production*, electronic control with microprocessor, circulation pump, expansion vessel and control board. Instantaneous hot sanitary water production with stainless steel 3 liters micro storage with function to cushion the temperature fluctuations during intermitten use. FAC function anti-calcareous

Electric protection IPX4D



STAINLESS STEEL MICRO STORAGE

Model	Dimensions (HxLxP) mm	Empty weight kg
23 R JET	800 x 450 x 250	41
26 R JET	800 x 500 x 250	42

Model	Power output		Anti calcareous function sanitary circuit	Continuous modulating electronic ignition	Bypass incorporated	Hot sanitary water production Δt 30°C l/min	Code natural gas <i>L.P.G.</i>
	kW	kcal/h					
SUPERAPIDA 23 R JET	23,30	20.038	●	●	--	11,13	031331023 <i>031332023</i>
SUPERAPIDA 26 R JET	27,02	23.244	●	●	●	12,91	031331026 <i>031332026</i>

N.B.: All the air exhaust/suction kit has to be added to the boiler price. Gas type has to be indicated on orders. Changes in place of installation will be charged .
(*use only the terminals and the ducts guaranteed by the boiler manufacturer see norms UNI 7129-2008, 11071-2003*).

OPTIONAL ACCESSORIES	rif. page	
TBA built in hydraulic separator with fix point	60	891180035
KIT 4 boiler connection	60	891180017
KIT 5 stainless steel universal connections	60	891180020
KIT 6 boiler connection with by-pass (mod. 23 JET)	60	891180021
KIT antifreeze	62	891180013
PROBE external temperature (better to be installed with room thermoregulation)	44	907520502
BASIC REMOTE CONTROL for room thermoregulation for one zone installation, for more zones see KIT ZS on page 62	62	907520053
"S" pump high head (90 W)	61	907430151
BOX BUILT for external installation (265 x 600 x h 1300)	--	907290051
Perforation template in predrilled plastic material for mod. 23 R JET	--	907790014
Perforation template in predrilled plastic material for mod. 26 R JET	--	907790007

KIT SUCTION/EXHAUST SMOKE		
KIT A concentric exhaust smoke $\varnothing 60 / \varnothing 100$	63	907260215
KIT B concentric exhaust smoke $\varnothing 60 / \varnothing 80-125$	63	907261110
KIT D exhaust smoke splitted in two $\varnothing 80 / \varnothing 80$ with splitter	66	907260169
KIT C4 roof concentric exhaust smoke $\varnothing 60 / \varnothing 100$	64	907261118
KIT C3 roof concentric exhaust smoke $\varnothing 80 / \varnothing 125$	63	907261113

atmospheric

SUPERAPIDA N3V

31 N3V ★★★

Wall hung boiler *with very high efficiency* (D.P.R. 660/96), working with natural gas or L.P.G., forced draught, **sealed chamber** and electronic ignition, continuous flame modulation, modulating temperature, atmospheric burner, only heating and **hot sanitary water production** and **pre-disposition with automatic three way valve**, circulation pump, expansion vessel and control board .

Electric protection IPX4D



REMOTE BOILER

Model	Dimensions (HxLxP) mm	Empty weight kg
31 N3V	800 x 600 x 250	45

Model	Power output		Continuous modulating electronic ignition	Bypass incorporated	Automatic diverter valve	Code natural gas <i>L.P.G.</i>
	kW	kcal/h				
SUPERAPIDA 31 N3V	31,70	27.262	●	●	●	031411131 <i>031412131</i>

N.B.: All the air exhaust/suction kit has to be added to the boiler price. Gas type has to be indicated on orders. Changes in place of installation will be charged .
(*use only the terminals and the ducts guaranteed by the boiler manufacturer see norms UNI 7129-2008, 11071-2003*).

ACCESSORI OPZIONALI

rif. pag.

TBA built in hydraulic separator with fix point	60	891180035
KIT 5 stainless steel univarsal connections	60	891180020
KIT 8 N3V boiler connection	60	891180037
PROBE external temperature (better to be installed with room thermoregulation)	44	907520502
BASIC REMOTE CONTROL for room thermoregulation for one zone installation, for more zones see KIT ZS on page 62	62	907520053
"S" pump high head (90 W)	61	907430151
MAXICELL 120	74	401180130
Perforation template in predrilled plastic material		907790012

KIT SUCTION/EXHAUST SMOKE

KIT A concentric exhaust smoke Ø60 / Ø100	63	907260215
KIT B concentric exhaust smoke Ø60 / Ø80-125	63	907261110
KIT D exhaust smoke splitted in two Ø80 / Ø80 with splitter	66	907260169
KIT C4 roof concentric exhaust smoke Ø60 / Ø100	64	907261118
KIT C3 roof concentric exhaust smoke Ø80 / Ø125	63	907261113

SUPERAPIDA SA

SA 22 R - SA 26 R ★★

Wall hung boiler *with very high efficiency* (D.P.R. 660/96), working with natural gas or L.P.G., **open chamber, natural draught**, electronic ignition, continuous flame modulation, modulating temperature, atmospheric burner, *instantaneous hot sanitary water production*, electronic control with microprocessor, circulation pump, expansion vessel and control board. FAC function anti-calcareous.

Electric protection IPX4D



Model	Dimensions (HxLxP) mm	Empty weight kg
SA 22 R	800 x 450 x 250	40
SA 26 R	800 x 500 x 250	42

Model	Power output		Hot sanitary water production Δt 30°C l/min	Continuous modulating electronic ignition	Bypass incorporated	Anti calcareous function sanitary circuit	Code natural gas <i>L.P.G.</i>
	kW	kcal/h					
SUPERAPIDA SA 22 R	21,65	18.620	10,36	●	--	●	041310022 <i>041312022</i>
SUPERAPIDA SA 26 R	25,34	21.793	12,10	●	●	●	041310026 <i>041312026</i>

N.B.: Gas type has to be indicated on orders. Changes in place of installation will be charged

OPTIONAL ACCESSORIES

rif. page

TBA built in hydraulic separator with fix point	60	891180035
KIT 4 boiler connection	60	891180017
KIT 5 stainless steel universal connections	60	891180020
KIT 6 boiler connection with bypass (SUPERAPIDA SA 22 R)	60	891180021
PROBE external temperature	44	907520502
BASIC REMOTE CONTROL for room thermoregulation for one zone installation, for more zones see KIT ZS on page 62	62	907520053
"S" pump high head (90 W)	61	907430151
Perforation template in predrilled plastic material for mod. SA 23 R	--	907790014
Perforation template in predrilled plastic material for mod. SA 26 R	--	907790007

SUPERAPIDA SA R JET

SA 26 JET ★★

Wall hung boiler *with very high efficiency* (D.P.R. 660/96), working with natural gas or L.P.G., **open chamber, natural draught**, electronic ignition, continuous flame modulation, modulating temperature, atmospheric burner, circulation pump, expansion vessel and control board.
Instantaneous hot sanitary water production by 3 l. stainless steel microstorage with function to cushion the temperature fluctuations during intermittence use. FAC function anti-calcareous.

Electric protection IPX4D



STAINLESS STEEL MICROSTORAGE

Model	Dimensions (HxLxP) mm	Empty weight kg
SA 26 R JET	800 x 500 x 250	42

Model	Power output		Hot sanitary water production Δt 30°C l/min	Continuous modulating electronic ignition	Bypass incorporated	Anti calcareous function sanitary circuit	Code natural gas <i>L.P.G.</i>
	kW	kcal/h					
SUPERAPIDA SA 26 R JET	25,34	21.793	12,10	●	●	●	041331026 <i>041332026</i>

N.B.: Gas type has to be indicated on orders. Changes in place of installation will be charged

atmospheric

OPTIONAL ACCESSORIES	rif. page	
TBA built in hydraulic separator with fix point	60	891180035
KIT 4 boiler connection	60	891180017
KIT 5 stainless steel universal connections	60	891180020
PROBE external temperature	44	907520502
BASIC REMOTE CONTROL for room thermoregulation for one zone installation, for more zones see KIT ZS on page 62	62	907520053
"S" pump high head (90 W)	61	907430151
Perforation template in predrilled plastic material for mod. SA 26 R JET	--	907790007



SUPERAPIDA MAXINOX



31 MAXINOX ★★★

Floor standing boiler *with high efficiency* (D.P.R. 660/96), working with natural gas or L.P.G., **sealed chamber**, forced draught, electronic ignition, continuous flame modulation, modulating temperature, atmospheric burner, **120 l stainless steel AISI 316 inspectionable sanitary boiler**, with heat exchanger preset for sanitary heating anti-legionella. Circulation pump, expansion vessel and control board.

Possible integration with remote control for room temperature control of installations with one single zone and external probe, for more zones, see on page 58.

Electric protection IPX4D

Model	Dimensions (HxLxP) mm	Empty weight kg
31 MAXINOX	1600 x 600 x 600	115

Model	Power output		Hot sanitary water production Δt 30°C		Continuous modulating electronic ignition	Bypass incorporated	Anti calcareous function sanitary circuit	Code natural gas <i>L.P.G.</i>
	kW	kcal/h	first 12 min liters	first hour liters				
SUPERAPIDA 31 MAXINOX	31,70	27.262	301	1028	●	●	●	031811031 <i>031812031</i>

N.B.: All the air exhaust/suction kit has to be added to the boiler price. Gas type has to be indicated on orders. Changes in place of installation will be charged. *(use only the terminals and the ducts guaranteed by the boiler manufacturer see norms UNI 7129-2008, 11071-2003)..*

OPTIONAL ACCESSORIES

	rif. page	
TBA built in hydraulic separator with fix point	60	891180035
KIT 3 boiler connection	60	905401032
KIT 5 stainless steel universal connections	60	891180020
KIT Z2 SR (2 zones) *	60	891180002
KIT Z3 SR (3 zones) *	60	891180001
PROBE external temperature	44	907520502
BASIC REMOTE CONTROL for room thermoregulation for one zone installation, for more zones see KIT ZS on page 62	62	907520053
"S" pump high head (116 W)	61	907430135
KIT 5 liters sanitary expansion vessel	61	891180007

* Kit Zone (Z2 SR o Z3 SR) on request preassembled on the boiler

KIT SUCTION/EXHAUST SMOKE

KIT A concentric exhaust smoke $\varnothing 60 / \varnothing 100$	63	907260215
KIT B concentric exhaust smoke $\varnothing 60 / \varnothing 80-125$	63	907261110
KIT D exhaust smoke splitted in two $\varnothing 80 / \varnothing 80$ with splitter	66	907260169
KIT C4 roof concentric exhaust smoke $\varnothing 60 / \varnothing 100$	64	907261118
KIT C3 roof concentric exhaust smoke $\varnothing 80 / \varnothing 125$	63	907261113



TURBINOX



21 BI - 25 BI - 30 BI ★★★

Wall hung boiler *with high efficiency* (D.P.R. 660/96), working with natural gas or L.P.G., forced draught, **sealed chamber** and electronic ignition, continuous flame modulation, modulating temperature, atmospheric burner, **stainless steel AISI 316 boiler (mod. 25 and 30 inspectionable)**, circulation pump, expansion vessel, control board and sanitary expansion vessel. Electric protection IPX4D

Model	Dimensions (HxLxP) mm	Empty weight kg
21 BI	920 x 520 x 360	60
25 BI	920 x 555 x 400	65
30 BI	920 x 555 x 450	72

SEALED CHAMBER WITH STAINLESS STEEL ANTILEGIONELLA STORAGE

Model	Power output		Stainless steel AISI 316 sanitary boiler liters	Hot sanitary water production Δt 30°C			Code natural gas L.P.G.
	kW	kcal/h		l/min	first 12 min liters	first hour liters	
TURBINOX 21 BI	21,90	18.834	46	10,5	172	674	181181021 <i>181182021</i>
TURBINOX 25 BI	24,20	20.795	58	11,6	194	748	181181025 <i>181182025</i>
TURBINOX 30 BI	29,32	25.248	58	14,02	226	899	181181030 <i>181182030</i>

NN.B.: All the air exhaust/suction kit has to be added to the boiler price. Gas type has to be indicated on orders. Changes in place of installation will be charged. *(use only the terminals and the ducts guaranteed by the boiler manufacturer see norms UNI 7129-2008, 11071-2003)*

atmospheric

OPTIONAL ACCESSORIES

	rif. page	
TBA built in hydraulic separator with fix point	60	891180035
KIT 9 boiler connection	60	891180041
KIT 5 stainless steel universal connections	60	891180020
PROBE external temperature	44	907520502
BASIC REMOTE CONTROL for room thermoregulation for one zone installation, for more zones see KIT ZS on page 62	62	907520053
"S" pump high head (116 W)	61	907430135
Spacer frame for replacements (mod. 25 and 30 BI)	62	907290112
Connections cover for mod. 25	62	907260005
Connections cover for mod. 30	62	907260006
Perforation template in predrilled plastic material for mod. TURBINOX 21-25 BI	--	907790031
Perforation template in predrilled plastic material for mod. TURBINOX 30 BI	--	907790030

KIT SUCTION/EXHAUST SMOKE

KIT A concentric exhaust smoke $\varnothing 60 / \varnothing 100$	63	907260215
KIT B concentric exhaust smoke $\varnothing 60 / \varnothing 80-125$	63	907261110
KIT D exhaust smoke splitted in two $\varnothing 80 / \varnothing 80$ with splitter	66	907260169
KIT C4 roof concentric exhaust smoke $\varnothing 60 / \varnothing 100$	64	907261118
KIT C3 roof concentric exhaust smoke $\varnothing 80 / \varnothing 125$	63	907261113



SA INOX



24 BI ★★

Wall hung boiler *with high efficiency* (D.P.R. 660/96), working with natural gas or L.P.G., **open chamber, natural draught**, electronic ignition, continuous flame modulation, atmospheric burner, **stainless steel AISI 316 inspectionable boiler**, circulation pump, heating expansion vessel, control board and sanitary expansion vessel.

Electric protection IPX4D

OPEN CHAMBER WITH STAINLESS STEEL ANTILEGIONELLA STORAGE

Model	Dimensions (HxLxP) mm	Empty weight kg
24 BI	920 x 555 x 400	62



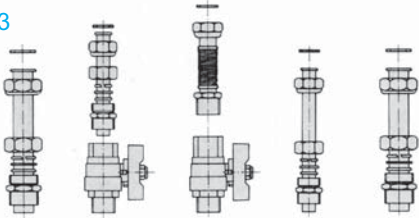
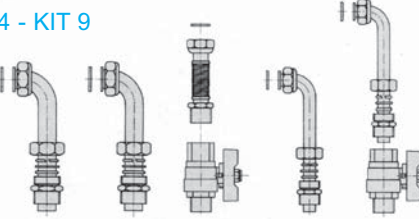
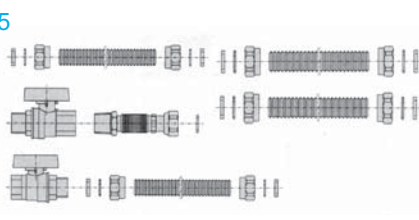
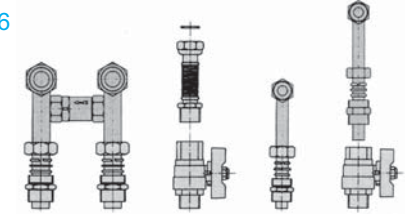
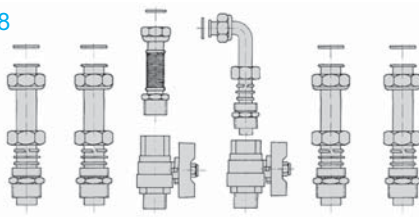
Model	Power output		Stainless steel AISI 316 sanitary boiler liters	Hot sanitary water production Δt 30°C			Code natural gas <i>L.P.G.</i>
	kW	kcal/h		l/min	primi 12 min litri	prima ora litri	
SA 24 BI	21,62	18.593	58	10,33	182	678	011210024 <i>011212024</i>

N.B.: Gas type has to be indicated on orders. Changes in place of installation will be charged

OPTIONAL ACCESSORIES	rif. page	
TBA built in hydraulic separator with fix point	60	891180035
KIT 3 boiler connection	60	905401032
KIT 5 stainless steel universal connections	60	891180020
PROBE external temperature	44	907520502
BASIC REMOTE CONTROL for room thermoregulation for one zone installation, for more zones see KIT ZS on page 62	62	907520053
"S" pump high head (116 W)	61	907430135
Spacer frame for replacements (mod. 25 and 30 BI)	62	907290112
Connections cover	62	907260005

atmospheric

HYDRAULIC KIT

	Type	Code
<p>TBA FIX POINT</p>  <p>dim. (HxLxP) 600x500x180</p>	<p>BUILT IN HYDRAULIC SEPARATOR for installations with zones supplied by different temperature: one floor circuit (low) and one radiators (high). Consisting of: - two circulation pumps - one hydraulic separator with outlet and drain - thermostatic regulator fix point - trigger box - copper connections pipe Everything added to a galvanized steel container with front door.</p>	<p>891180035</p>
<p>ZONES INSTALLATION KIT Z2 SR - Z3 SR</p> 	<p>Consisting of two or three electrovalves and complete of hydraulic and electrical connection to allow heating installation division in more zones for SUPERAPIDA MAXINOX</p>	<p>Z2 SR (2 zones) 891180002</p> <p>Z3 SR (3 zones) 891180001</p>
<p>KIT 3</p> 	<p>BOILER CONNECTIONS SUPERAPIDA MAXINOX - SA INOX and BUILT IN SYSTEM SUPERAPIDA consisting of: telescopic copper pipes with relatives compression-connection for heating and sanitary, stainless steel flexible gas pipe omologated, gas cock, inlet water cock.</p>	<p>905401032</p>
<p>KIT 4 - KIT 9</p> 	<p>KIT 4 - BOILER CONNECTIONS SUPERAPIDA AND SUPERAPIDA SA</p> <p>KIT 9 - BOILER CONNECTIONS TURBINOX 21-25-30 BI consisting of: telescopic copper pipes with relatives compression connection for heating and sanitary, stainless steel flexible gas omologated, gas cock, inlet water cock.</p>	<p>KIT 4 891180017</p> <p>KIT 9 891180041</p>
<p>KIT 5</p> 	<p>STAINLESS STEEL UNIVERSAL BOILER CONNECTIONS consisting of: n.1 flexible pipe by m 1 - DN 12 for conn. Ø 1/2", n.1 flexible pipe by m 1 - DN 16 for conn. Ø 3/4", n.4 connections F.F. Ø 1/2", n. 4 conn. F.F. Ø 3/4", n.1 extending joint 100/200 Ø 1/2" with cock, gas omologated, sanitary inlet water cock.</p>	<p>891180020</p>
<p>KIT 6</p> 	<p>BOILER CONNECTIONS SUPERAPIDA 23 R and SUPERAPIDA ESTERNA consisting of: telescopic copper pipes with relatives compression-connection for heating and sanitary, stainless steel flexible gas omologated, gas cock, inlet water cock.</p>	<p>891180021</p>
<p>KIT 8</p> 	<p>BOILER CONNECTIONS SUPERAPIDA N3V consisting of: n. 5 telescopic copper pipes with relatives compression-connection for heating and sanitary, stainless steel flexible gas omologated, gas cock, inlet water cock</p>	<p>891180037</p>

follows **HYDRAULIC KIT**

	Type	Code
<p>KIT 2 liters EXPANSION VESSEL</p>	<p>Consisting of: sanitary circuit expansion vessel, copper pipeline, gaskets</p>	<p>891180005</p>
<p>KIT 4 liters EXPANSION VESSEL</p>	<p>sanitary circuit expansion vessel for MAXICELL coupled to SUPERAPIDA N3V</p>	<p>891180029</p>
<p>KIT 5 liters EXPANSION VESSEL</p>	<p>sanitary circuit expansion vessel for SUPERAPIDA 31 MAXINOX</p>	<p>891180007</p>
	<p>"S" electro pump high head 90 W, with disaerator for thermal group SUPERAPIDA 23/26/31 R-N-N3V, SUPERAPIDA SA 22/26/31 R SUPERAPIDA ESTERNA 23/26/31 R, SUPERAPIDA 23/26 JET, SUPERAPIDA SA 26 JET</p>	<p>907430151</p>
	<p>"S" electro pump high head 90 W, with disaerator for thermal group: TURBINOX BI, SA INOX 24 BI MAXINOX SUPERAPIDA 31, CONDENSA</p>	<p>907430135</p>

atmospheric accessories

THERMOREGULATION AND ACCESSORIES


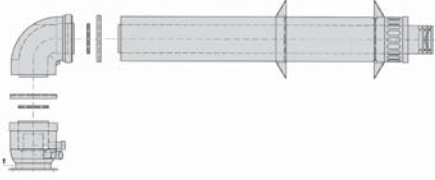
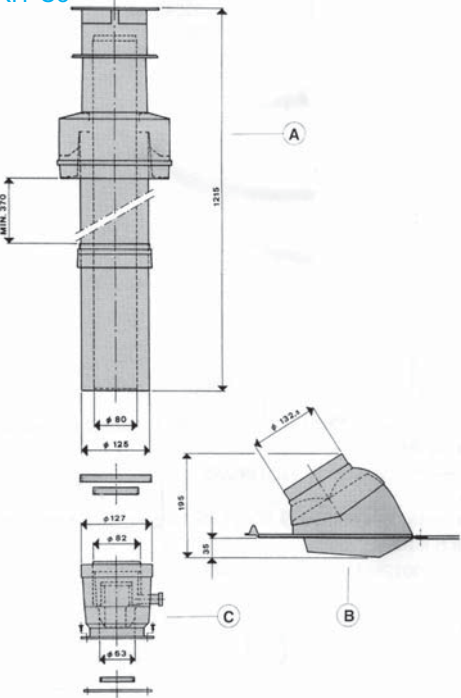
	Type	Code
	<p>BASIC REMOTE CONTROL For the complete room thermo regulation, possibility of modulation with external temperature probe. Suitable for SUPERAPIDA, SUPERAPIDA JET, SUPERAPIDA SA, MAXINOX, TURBINOX BI For multi-zones system, coupling with KIT ZONE SILE ZS (optional) allows room thermoregulation and boiler management functions.. The thermoregulation of other zones is controlled by chronothermostat connected to KIT ZONE SILE ZS trigger box.</p>	907520053
	<p>ROOM CHRONOTHERMOSTAT Room chronothermostat, with hourly, daily and weekly programming,</p>	907520058
	<p>KIT ZONE SILE ZS Management gearcase for zone heating plants to coupling with REMOTE CONTROL.</p>	891180043
	<p>KIT ANTIFREEZE for SUPERAPIDA consisting of: Thermostat, resistance, hose clamps and fuse</p>	891180013
	<p>SOLAR KIT SR Solar boiler KIT connection with SUPERAPIDA R boiler consisting of: thermostat and wiring</p>	605200110
	<p>SPACER FRAME Frame for boilers mod. TURBINOX 25-30 e SA 24-30 indicated for substitutions of old boilers. Enameled plate as boiler is useful to space it from the wall (~60mm) to allow the easy hydraulic connection and existing connections</p>	907290112
	<p>COVER CONNECTIONS Cover connections for boiler: - SUPERAPIDA.COM - TURBINOX - SA 24 BI;</p>	<p>SUPERAPIDA.COM 907260008</p> <p>TURBINOX25/SA24 907260005</p> <p>TURBINOX30 907260006</p>

KIT SUCTION/EXHAUST SMOKE ATMOSPHERIC BOILERS

RULE UNI 7129/2008 - 11071/2003.

"...the combustion air supply ducts and exhaust smoke, equipped with relative terminal, **must be provided directly by boiler manufacturer** because they form integrating part of itself".

WALL AND ROOF CONCENTRIC EXHAUST SMOKE KIT A-B-C3-C4

	Type	Code
<p>KIT A</p> 	<p>CONCENTRIC SMOKE EXHAUST</p> <p>consisting of: flanged multidirectional curve at 90° and concentric pipe with suction/exhaust pipe, Ø60/Ø100.</p>	<p>907260215</p>
<p>KIT B</p> 	<p>CONCENTRIC SMOKE EXHAUST</p> <p>consisting of: flanged connection Ø60/Ø80-125, multidirectional curve at 90° and concentric pipe by m0,9 with suction/exhaust terminal Ø80/Ø125.</p>	<p>907261110</p>
<p>KIT C3</p> 	<p>ROOF CONCENTRIC CHIMNEY WITH EXTENSION Ø80/Ø125 mm.</p> <p>Kit consisting of:</p> <ul style="list-style-type: none"> - A) roof concentric suction/exhaust pipe. - B) Flashing with lead chimney weathering . - C) Flanged vertical connection Ø80/Ø125 mm with inspection, pipe connection for suction air/smoke, silicone lip gaskets and neoprene gasket 	<p>907261113</p>

atmospheric accessories

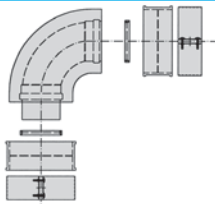
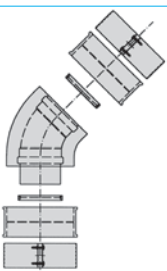
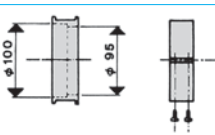
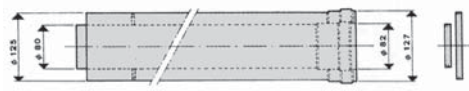

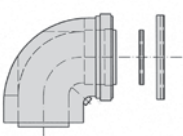
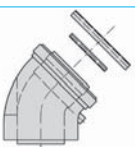
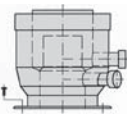
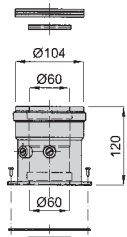
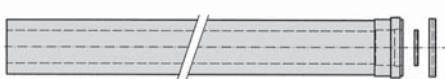

follows WALL AND ROOF CONCENTRIC EXHAUST SMOKE KIT

Type	Code
<p>KIT C4</p>	<p>ROOF CONCENTRIC CHIMNEY WITH EXTENSION Ø60/Ø100 mm.</p> <p>Kit consisting of</p> <ul style="list-style-type: none"> - A) Roof concentric suction/exhaust pipe. - B) Flashing with lead chimney weathering. - C) Flanged vertical connection Ø60/Ø100 mm with inspection, connections for suction air/smoke, silicone lip gaskets and neoprene gasket

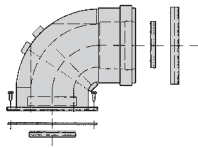
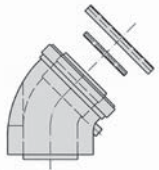
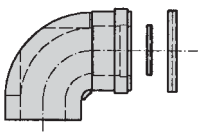
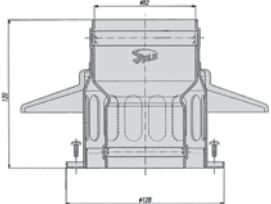
WALL AND ROOF CONCENTRIC EXHAUST SMOKE FOR CHIMNEY ACCESSORIES

	<p>Connections for suction air/smoke on concentric pipes (to apply connections make a holes Ø 12 mm).</p>	<p>905401029</p>
	<p>Concentric pipe Ø60/Ø100 by m 1 with suction and exhaust terminal.</p>	<p>907260228</p>
	<p>Concentric extension Ø60/Ø100 by m 1.</p>	<p>907260216</p>
	<p>Concentric extension Ø60/Ø100 by m 0,5.</p>	<p>907260210</p>
	<p>Concentric curve Ø60/Ø100 flanged at 90</p>	<p>907260164</p>

follows WALL AND ROOF CONCENTRIC EXHAUST SMOKE KIT

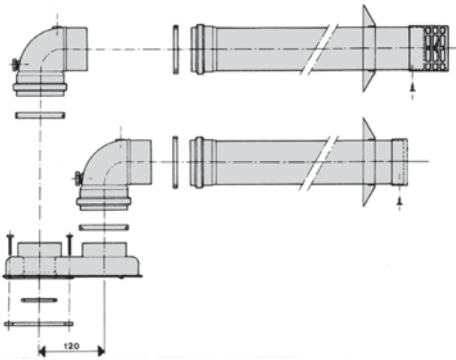
Type	Code
	<p>Concentric curve Ø60/Ø100 F.F. at 90°.</p> <p>907260217</p>
	<p>Concentric curve Ø60/Ø100 F.F. at 45°.</p> <p>907260203</p>
	<p>Enamelled clamp with silicone sleeve Ø100/Ø100.</p> <p>907260204</p>
	<p>Concentric extension Ø 80/Ø125 by m 1 with silicone lip gasket</p> <p>907261112</p>
	<p>Concentric extension Ø 80/Ø125 by m 0,5 with silicone lip gasket</p> <p>907261115</p>
	<p>Concentric curve Ø80/Ø125 M.F. at 90° with silicone lip gasket</p> <p>907261111</p>
	<p>Concentric curve Ø80/Ø125 M.F. at 45° with silicone lip gasket</p> <p>907261116</p>
	<p>Vertical flanged connection Ø60/Ø80-125 with silicone lip gasket</p> <p>907261149</p>
	<p>Vertical flanged connection Ø60/Ø100 with silicone lip gasket</p> <p>907261135</p>
	<p>Concentric pipe Ø60/Ø100 mm by m 1 with silicone lip gasket</p> <p>907261120</p>
	<p>Concentric pipe Ø60/Ø100 mm by m 0,5 with silicone lip gasket</p> <p>907261119</p>

follows WALL AND ROOF CONCENTRIC EXHAUST SMOKE KIT

Type	Code
	907261138
	907261143
	907261121
	907261114

accessori
atmosferiche

EXHAUST SMOKE SPLITTED IN TWO Ø80 mm KIT

Type	Code
<p>KIT D</p> 	<p>EXHAUST SMOKE SPLITTED IN TWO Ø80 mm</p> <p>consisting of: splitter air/smoke, two curves 90° multidirectional M.F. and two terminals Ø 80 mm by 1 m (wall plug and exhaust) with silicone lips gasket</p>

EXHAUST SMOKE FOR CHIMNEY SPLITTED IN TWO Ø80 mm ACCESSORIES

Type	Code
	<p>Splitter Ø 80 M.M. 907260166</p>
	<p>Suction/exhaust flanged stub pipe. 907260165</p>
	<p>Curve Ø 80 M.F. at 90° with silicone lip gasket. 907260221</p>
	<p>KIT n. 6 curves Ø 80 M.F. at 90° with silicone lip gasket. 907260139</p>
	<p>Curve Ø 80 F.F. at 90° with silicone gasket. 907260147</p>
	<p>KIT n. 6 curves Ø 80 F.F. at 90° with silicone gasket. 907260141</p>
	<p>Curve Ø 80 M.F. at 45° with silicone gasket. 907260151</p>
	<p>Tee condensate drain Ø 80 F. 907260170</p>
	<p>Extension Ø 80 m 0,5 907260144</p>
	<p>KIT n.6 extensions Ø 80 m 0,5 907260140</p>
	<p>Extension Ø 80 m 1 907260220</p>
	<p>KIT n.6 extensions Ø 80 m 1 907260138</p>
	<p>Extension Ø 80 m 2 907260148</p>

atmospheric accessories

follow EXHAUST SMOKE FOR CHIMNEY SPLITTED IN TWO Ø80 mm ACCESSORIES


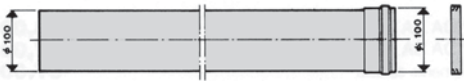
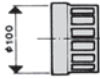
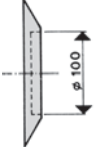
Type	Code
	907260202
	907260230
	907260224
	907260209
	905401028

EXHAUST SMOKE FOR CHIMNEY SPLITTED IN TWO Ø100 mm ACCESSORIES

Type	Code
	907261102
	907261100
	907261104

atmospheric accessories

follows EXHAUST SMOKE FOR CHIMNEY SPLITTED IN TWO Ø100 mm ACCESSORIES

	Type	Code
	Pipe Ø 100 M.M. by m 1	907261105
	Pipe Ø 100 M.F. by m 1 with silicone gasket.	907261101
	Suction/exhaust grating Ø 100.	907261103
	Pluh wall cover in EPDM Ø 100.	907260212



INOXCELL



85 AR ★★

Steel boiler with *high efficiency at reduced temperature* with complete turn off, working with liquid or gaseous fuels, with double insulation and electric control board with timer. *Storage tank in stainless steel AISI 316* whole immersed for the total antilegionella sanitary heating, inspectionable, with priority.

Model	Dimensions (HxLxP) mm	Empty weight kg
85 AR	1930 x 710 x 710	390

Model	Power output 50/30 °C		Hot sanitary water production Δt 30°C		Boiler capacity liters	Reduced temperature working	Double insulation	Code
	kW	kcal/h	first 10 min. liters	first hour liters				
INOXCELL 85 AR	88,6	76.200	435	1.460	210	●	●	121120075



110 N - 111 BI INOX

N 85 AR ★★

BI 15 - 30 AR ★★

Steel boiler with *high efficiency* working with liquid or gaseous fuels, for heating with double insulation and control board. (mod. 110 N) or for heating and hot sanitary water (HSW) production, with inspectionable *storage boiler in stainless steel AISI 316* entirely immersed for the total sanitary heating antilegionella, double insulation and control board (mod. 111 BI INOX).

Model	Dimensions (HxLxP) mm	Empty weight kg
110 N 85 AR	1320 x 710 x 710	260
111 BI INOX 15 AR	1225 x 555 x 560	150
111 BI INOX 30 AR	1225 x 555 x 560	150

Model	Power output 50/30 °C		Hot sanitary water production Δt 30°C		Boiler capacity liters	Double insulation	Code
	kW	kcal/h	first 10 min. liters	first hour liters			
110 N 85 AR	88,6	76.200	/	/	/	●	101100075
111 BI INOX 15 AR	15,9	13.700	128	546	90	●	111110012
111 BI INOX 30 AR	31,7	27.300	135	630	90	●	111110026

gas and diesel oil boiler



P.AR



Steel boiler for heating water production with high efficiency by reverse flame furnace, working with liquid or gaseous fuels.

Boiler's body thermal insulation with high density mineral wool.

External steel cover in pre-enamelled red colour.

Working pressure 5 bar - working temperature 110°C

Combinable with long head burners.

CE approval according to GAS regulation (90/396/CE) and Efficiency regulation (92/42/CE).

Model	Heat flowrate kW	Power output kW	Efficiency ★★★ η	DIMENSIONS			Ø Connections			Code
				L mm	H mm	P mm	Delivery/ Return heating	Safety valve	Drain	
P 7 AR	76	71,78	94,1	750	840	1350	1"1/2	1"1/4	1"	261660065
P 9 AR	97	91,51	94,18	750	840	1350	1"1/2	1"1/4	1"	261660080
P 11 AR	118	111,94	94,47	750	840	1520	2"	1"1/4	1"	261660090
P 13 AR	141	133,15	94,57	750	840	1520	2"	1"1/4	1"	261660110
P 15 AR	162	153,71	94,73	800	890	1615	2"	1"1/4	1"	261660130
P 18 AR	195	185,12	94,84	800	890	1615	2"	1"1/4	1"	261660160
P 23 AR	252	239,75	95,24	800	890	1815	2"1/2	1"1/4	1"	261660200
P 29 AR	321	305,53	95,48	890	1000	1820	2"1/2	1"1/4	1"	261660250
P 34 AR	385	367,23	95,35	890	1000	1820	2"1/2	1"1/4	1"	261660300
P 40 AR	436	415,21	95,28	890	1000	2020	2"1/2	1"1/4	1"	261660370
P 46 AR	498	474,99	95,45	1070	1160	2080	DN80	1"1/4	1"1/4	261660420
P 53 AR	568	541,89	95,34	1070	1160	2080	DN80	1"1/4	1"1/4	261660465
P 64 AR	690	657,89	95,35	1070	1160	2300	DN100	2x 1"1/4	1"1/4	261660560
P 76 AR	820	782,21	95,35	1320	1410	2390	DN100	2x 1"1/2	1"1/4	261660660
P 88 AR	955	908,81	95,21	1320	1410	2390	DN100	2x 1"1/2	1"1/4	261660770
P 100 AR	1078	1027,11	95,26	1320	1410	2640	DN125	2x 1"1/2	1"1/4	261660880
P 125 AR	1354	1288	95,12	1520	1650	2660	DN125	2x 1"1/2	1"1/2	261661100
P 150 AR	1622	1540	94,94	1520	1650	2950	DN125	2x 1"1/2	1"1/2	261661350

N.B.: Special made connections for replacing previous P.AR series +10%.

gas and diesel oil boiler

OPTIONAL ACCESSORIES

Electric General Panel consisting of : 2 safety thermostats, 2 service thermostats, thermometer, main switch, burner switch, heating pump switch, sanitary pump switch

907510490

STAINLESS STEEL AISI 316 L

Stainless steel AISI 316 L is the universal material of the future be able to give concrete answers to the needs of environmental protection, product quality and safety of use.

The SILE boilers are constructed of stainless steel inox AISI 316 L (suitable for contact with potable water according to 21/03/73 DM and directive 98/83/CE) austenitic chromium-nichel-molybdenum. This type of stainless steel guarantees high resistance to corrosion, excellent mechanical properties and high degree of recyclability.

The sophisticated soldering process in a controlled atmosphere also contributes in a decisive way making our boilers also extremely resistant to aggressive water.

Maximum storage temperature 99°C

GALVANIZED STEEL

The hot dip galvanizing is obtained by immersion of the tanks in a bath of fused zinc at a temperature of about 450°C. Zinc, besides forming a protective coating, comes with alloy steel providing a good resistance to corrosion.

For further protection against corrosion, the tanks are equipped with a magnesium anode cathodic protection which must be periodically checked and replaced.

Is available, on request, the electronic unit for checking the anodes usury which allow periodic control of the status of the anodes without emptying the tank.

Hot dip galvanizing according to UNI EN ISO 1461, suitable for contact with potable water according DM 174/04 and regulation nr. 1935/04/CE

Maximum storage temperature 60 °C

TINOX

SILE SOLE RT solar panels are equipped with absorbent copper surface with superficial treatment highly selective TINOX that is an absorption layer of titanium and quartz and is made by spraying on a metallic strip by physical process under vacuum. Titanium and quartz are brought to evaporation by electron cannons which reacting under the addition of nitrogen and oxygen and are transformed into TINOX, depositing itself on metal strips. The coating TINOX is equipped with a very high level of absorption and also reduces drastically the irradiation in the infrared spectrum. The absorber therefore has a very high low emission and very high efficiency even on cloudy days. TINOX titanium and quartz, without the addition of chromium and nickel, is an extremely environmentally friendly material.

SPF certification according to European norms EN 12975-2/2001.

STEEL VITRIFIED

The process of vitrification, or enamelling of porcelain applied to tanks guarantees the same optimal corrosion resistance. Is done in furnaces at temperature upper 800°C.

For further protection against corrosion, the tanks are equipped with magnesium anode cathodic protection which must be periodically checked and replaced.

DIN 4753.3 enamelling inorganic, suitable for contact with potable water according to DM 174/04 and regulation nr. 1935/04/CE

maximum storage temperature 90°C

INTERNAL ORGANIC PAINTING SILVER

Organic painting with epoxy phenolic resin dusts is performed by means of manual or automatic spray equipment with negative polarity generator.

Dusts are formulated with special pigments suitable to guarantee optimal characteristics of resistance to chemical factors.

This treatment is indicated for the painting of liquid and solid containers for foods as well as potable waters, assuring them an optimal resistance to corrosion.

As further protection to corrosion, boilers are provided of cathodic protection with Magnesium anode, that has to be checked on regular basis and replaced when necessary.

The painting is suitable for drinkable waters contact according to DM 174/04 and CE Regulation nr. 1935/04/CE

maximum storage temperature 90°C



RENEWABLE ENERGIES

BOILERS - TANKS

pag.

STAINLESS STEEL BOILERS

standing floor	MAXICELL	74
wall hung horizontal and vertical	BO-BV INOX	74
vertical with one stainless steel heat exchanger for heating, solar or steam l.p. working	VERTINOX BIM S1	75
vertical with two stainless steel heat exchangers for heating, solar	VERTINOX BIM S2	76
vertical with one stainless steel heat exchanger for heating, solar or steam l.p. working	VERTINOX E S1	77
vertical with two stainless steel heat exchangers for heating, solar	VERTINOX E S2	78
vertical with cavity for sanitary water with heating working	BMV INOX	79
universal vertical thermo accumulator with stainless steel sanitary tank plunged	TA BI - TA N	80
universal vertical thermo accumulator at stratification	STRATOS	81
vertical rapid accumulator with stainless steel plate heat exchanger	AR	82

GALVANIZED / PAINTED TANKS

vertical with one heat exchanger for heating and solar working	Z S1 - SV S1	83
vertical with two heat exchangers for solar working and heating integration	Z S2 - SV S2	84

VITRIFIED TANKS

vertical with one heat exchanger for heating and solar working	BSV S1	85
vertical with two heat exchangers for solar working and heating integration	BSV S2	86

TANKS

vertical stainless steel AISI 316 L inertial tanks	SIV INOX	87
vertical galvanized steel / black painted inertial tanks	Siz - SIn	88

SOLAR PANELS

pag.

solar package for hot sanitary water with storage by 150 liters and 1 panel RT	VE 150/200	89
solar package for hot sanitary water with storage by 300 liters and 2 panels RT	VE 300	89
vertical or horizontal solar panels stainless steel chassis	RT / RTO	90
vertical solar panels aluminium chassis	RT ALU	90
systems for solar panels installation with stainless steel chassis	RT / RTO	91
systems for solar panels installation with aluminium chassis	RT ALU	92
solar modules for hot sanitary water production	S	93
solar modules for heating integration	IR	94
accessories for solar installations		95
photovoltaics modules	MODULI MF	96

SILECLIMA - Heat pumps

pag.

Heat pump air/water reversible at medium temperature from 6 to 14 kW single phase	SILECLIMA RA 6+14 m	97
Heat pump air/water reversible at medium temperature from 14 to 25 kW three phases	SILECLIMA RA 14+25 t	97
Heat pump air/water, heating only with INVERTER from 9,55 kW single phase	SILECLIMA NAI9	98
Heat pump air/water reversible with INVERTER from 9,55 kW single phase	SILECLIMA RAI9	98

SILEVENT - Air conditioning terminals

pag.

furniture type	SILEVENT SV	99
built in type	SILEVENT SVi	99



MAXICELL



Vertical stainless steel AISI 316 boiler, spiral heat exchanger with high potentiality and antilegionella function, working with hot heating water. Completely insulated with rigid thick polyurethane semi-shells with high heat seal and embossed aluminium jacket, external enamelled aluminium paneling. Complete of thermometer and thermostat.

Working pressure 8 bar - Maximum storage temperature 99°C

Product CE approved according to P.E.D. norm 97/23/CE, paragraph 3.3.

Model	Capacity liters	Dimensions (HxLxP) mm	Empty weight kg	Heat exchanger power with storage 45 °C and primary 80 °C		Hot sanitary water produc- tion from +15°C to +45°C thermo water t.m. +80°C liters		Hot sanitary water produc- tion Δt 30°C l/h	Code
				kW	kcal/h	first 12 min.	first hour		
MAXICELL 120	120	850x600x600	61	44,2	38.000	350	1375	1266	401180130

OPTIONAL ACCESSORIES

KIT expansion vessel 4 liters (for sanitary)	891180029
--	-----------



BO-BV INOX

Horizontal or vertical wall hung thermal-electric tanks, in stainless steel AISI 316, with fixed spiral heat exchanger in stainless steel for a rapid heating with antilegionella function, working with thermo water. Entirely insulated with rigid polyurethane with high heat seal and external PVC finishing. Complete of inspection hatchway, thermometer and thermostat for circulation pump.

Working pressure 8 bar - Maximum storage temperature 99°C

Product CE approved according to P.E.D. norm 97/23/CE, paragraph 3.3.

Model	Capacity liters	Dimensions mm		Empty weight kg	Heat exchanger power with storage 45 °C and pri- mary 80 °C		Hot sanitary water production from +15°C to +45°C with thermo water a t.m. +80°C liters		Code
		Ø	L		kW	kcal/h	first 12 min.	in the first hour	
BO-BV INOX 120 S	118	465	1010	32	27,0	23.220	282	889	672960125

For horizontal installation (BO version) heat exchanger power -15%

OPTIONAL ACCESSORIES

Resistance INCOLOY 825, 1500 W - 230/1 V	907501026
Thermostat RTS for resistance	907500052
Safety valve MF 1/2" - 6,5 bar	907100075
Safety group 1/2" - 7 bar for storage water heater (interception, check and safety)	907100007



VERTINOX BIM S1

Vertical stainless steel AISI 316 tanks with one spiral fix heat exchanger with high potentiality and antilegionella function for hot sanitary water production by heat exchange with heating hot water or solar circuit.

Available, on request, with heat exchanger working with steam 1 bar *. Entirely insulated with rigid polyurethane, removable, and external grey PVC finishing. Rubber gaskets and internal heat exchanger supporting frames suitable for drinkable water contact.

Maximum working pressure: 8 bar – Max. storage temperature 99°C
Product CE approved according to P.E.D. norm 97/23/CE, paragraph 3.3..

Model	Capacity liters	Dimensions mm		Weight kg	N° soalr panels SILE SOLE RT combinable	Heat exchanger power with storage 45 °C and primary 80 °C kW	Hot sanitary water production from +15°C to +45°C thermo water to t.m. +80°C liters		Normal code with inspection hatchway DN100 *
		Ø	H				first 12 min.	first hour	
BIM S1 160	160	610	1250	40	1	25,88	323	902	652100160 /
BIM S1 230	230	610	1630	50	2	49,52	533	1649	652100230 /
BIM S1 350	350	710	1730	85	3	95,13	922	3077	652100350 652110350
BIM S1 450	450	710	2130	100	4	95,13	1033	3077	652100450 652110450
BIM S1 600	600	850	1790	125	5	136,36	1431	4508	652100600 652110600
BIM S1 800	800	850	2300	150	6	136,36	1653	4708	652100800 652110800
BIM S1 1000	1000	1050	1980	230	8	174,92	2091	6013	652101000 652111000
BIM S1 1400	1400	1050	2405	260	12	174,92	2534	6413	652101400 652111400
BIM S1 2000	2000	1150	2750	300	16	178,54	3199	7013	652102000 652112000

* **STEAM WORKING:** for primary working with steam 1 bar (120 °C) price increase of 5% - heat exchanger power +30%. Special supply on request, and only with inspection hatchway

OPTIONAL ACCESSORIES (be requested when ordering)	
KIT R - External plate heat exchanger - kW 68, sanitary pump 2 nd energy source mod. 230 at stratification	842100230
KIT R - External plate heat exchanger - kW 98, sanitary pump 2 nd energy source mod. 350 at stratification	842100350
KIT R - External plate heat exchanger - kW 120, sanitary pump 2 nd energy source mod. 450 at stratification	842100450
KIT R - External plate heat exchanger - kW 120, sanitary pump 2 nd energy source mod. 600 at stratification	842100600
KIT R - External plate heat exchanger - kW 120, sanitary pump 2 nd energy source mod. 800 at stratification	842100800
KIT R - External plate heat exchanger - kW 175, sanitary pump 2 nd energy source mod. 1000 at stratification	842101000
KIT R - External plate heat exchanger - kW 175, sanitary pump 2 nd energy source mod. 1400 at stratification	842101400
KIT R - External plate heat exchanger - kW 175, sanitary pump 2 nd energy source mod. 2000 at stratification	842102000
Resistance INCOLOY 825, 1500 W - 230/1 V (per mod. 160)	907501026
Resistance INCOLOY 825, 2500 W ET - 230/1 V (per mod. 230+450)	907501036
Thermostat RTS for resistance	907500052
Resistance INCOLOY 800, 5000 W - 230/400/3 V ** (for mod. 350+2000 with inspection hatchway)	907501052
Thermostat TLSC	907500051

** electric board excluded

M

vers. **MS - MS3V**
(mod. 230-350-450)

VERTINOX BIM S2

Vertical stainless steel AISI 316 L tanks with two spiral fix heat exchangers with high potentiality and antilegionella function for hot sanitary water production by heat exchange with heating hot water, solar circuit and heat pump.

Entirely insulated with rigid polyurethane, removable, and external grey PVC finishing. Rubber gaskets and internal heat exchanger supporting frames suitable for drinkable water contact.

Control panel with thermometer and thermostat included.

Maximum working pressure: 8 bar – Max. storage temperature 99°C

- Version **MS**: tank with mounted and wired pump group and solar control.

- Version **MS3V**: tank with mounted and wired pump group and solar control to be combined with CONDENSA N3V boiler with SOLARSYSTEM board.

Product CE approved according to P.E.D. norm 97/23/CE, paragraph 3.3

Model	Capacity tank liters	Dimensions mm		Weight kg	N° solar panels SILE SOLE RT combinable	THERMO EXCHANGE			SOLAR EXCHANGE			Normal code with inspection hatchway DN100 *	
		Ø	H			Sup.	Cap.	heat exchanger with storage 45 °C primary to 80 °C kW	Vol. solar l	Sup.	Cap.		heat exchanger power with storage 45 °C primary to 70 °C kW
BIM S2 160	160	610	1250	45	1	0,63	4	28,14	145	0,63	4	22,65	472520160 /
BIM S2 230	230	610	1630	55	2	0,63	4	28,14	215	1,16	8	43,33	472520230 /
BIM S2 350	350	710	1730	90	3	1,16	8	53,16	315	2,05	15	83,24	472520350 472540350
BIM S2 450	450	710	2130	105	4	1,16	8	53,16	315	2,05	15	83,24	472520450 472540450
BIM S2 600	600	850	1790	135	5	1,16	8	53,16	740	2,68	18	119,32	472520600 472540600
BIM S2 800	800	850	2300	160	6	1,16	8	53,16	740	2,68	18	119,32	472520800 472540800
BIM S2 1000	1000	1050	1980	240	8	1,27	9	59,84	940	3,38	23	153,06	472521000 472541000
BIM S2 1400	1400	1050	2405	280	12	1,81	11	86,88	1320	3,38	23	153,06	472521400 472541400
BIM S2 2000	2000	1150	2750	330	16	3,45	23	178,54	1880	2,68	18	119,32	472522000 472542000

Package models  with MS pump group

BIM S2 230 MS BIM S2 230 MS3V (for installation with CONDENSA N3V)	472640230 472740230
BIM S2 350 MS BIM S2 350 MS3V (for installation with CONDENSA N3V)	472640350 472740350
BIM S2 450 MS BIM S2 450 MS3V (for installation with CONDENSA N3V)	472640450 472740450

* Not foreseen in MS-MS3V versions

OPTIONAL ACCESSORIES (to be requested when ordering)

Resistance INCOLOY 825, 1500 W - 230/1 V (per mod. 160)	907501026
Resistance INCOLOY 825, 2500 W ET - 230/1 V (per mod. 230+450)	907501036
Thermostat RTS for resistance	907500052
Resistance INCOLOY 800, 5000 W - 230/400/3 V ** (for mod. 600+2000 with inspection selvage)	907501052
Thermostat TLSC	907500051

** electric board excluded



VERTINOX E S1



Vertical stainless steel AISI 316 L tanks with one stainless steel AISI 316 L removable heat exchanger with high potentiality and antilegionella function for hot sanitary water production by heat exchange with heating hot water, solar circuit or heat pump.

Entirely insulated with flexible polyurethane and external grey PVC finishing.

Complete of control panel with thermometer and thermostat.

Maximum working pressure: 8 bar for model 600+2000,

Maximum working pressure: 6 bar for model 3000-5000,

Maximum heat exchanger pressure 12 bar

Max. storage temperature 99°C

Product CE approved according to P.E.D. norm 97/23/CE, paragraph 3.3

Models with one heat exchanger	Capacity liters	Dimensions mm		Weight kg	Heat exchanger surface sqm	N° solar panels SILE SOLE RT combinable	Heat exchanger power with storage 15+50 °C & primary at tm 70 °C e Δt10 °C kW	Power with steam at 1 bar storage 15+50 °C primary at +115 °C kW.	Codice
		Ø	H						
E S1 600	600	800	1790	125	2,5	5	72	196	662200600
E S1 1000	1000	1000	1980	230	4	8	114	309	662201000
E S1 1400	1400	1000	2405	260	4	12	114	309	662201400
E S1 2000	2000	1100	2750	300	5	16	144	389	662202000
E S1 3000	3000	1400	2640	410	5	24	144	389	662203000
E S1 5000	5000	1700	2950	680	8	40	230	621	662205000

stainless steel boilers



VERTINOX E S2



Vertical stainless steel AISI 316 L tanks with two stainless steel AISI 316 L removable heat exchangers with high potentiality and antilegionella function for hot sanitary water production by heat exchange with heating hot water, solar circuit or heat pump.
 Entirely insulated with flexible polyurethane and external grey PVC finishing.

Complete of control panel with thermometer and thermostat.

Maximum working pressure: 8 bar for model 600+2000,

Maximum working pressure: 6 bar for model 3000-5000,

Maximum heat exchanger pressure 12 bar

Max. storage temperature 99°C

Product CE approved according to P.E.D. norm 97/23/CE, paragraph 3.3

Models with two heat exchangers	Capacity litri	Dimensions mm		Weight kg	Heat exchangers surfaces sqm	N° solar panels SILE SOLE RT combinable	HEATING	SOLAR	Code
		Ø	H				HEAT EXCHANGER Power with storage 15+50 °C & primary at tm 70 °C e Δt10 °C kW	HEAT EXCHANGER Power with storage 15+50 °C & primary at tm 70 °C e Δt10 °C kW	
E S2 600	600	800	1790	135	2,5+2,5	5	72	72	482200600
E S2 1000	1000	1000	1980	240	4+4	8	114	114	482201000
E S2 1400	1400	1000	2405	280	4+4	12	114	114	482201400
E S2 2000	2000	1100	2750	330	5+5	16	144	144	482202000
E S2 3000	3000	1400	2640	460	5+5	24	144	144	482203000
E S2 5000	5000	1700	2950	750	8+8	40	230	230	482205000



BMV INOX



Vertical tank with hollow space (tank in tank system), for a rapid sanitary heating and with antilegionella function, working with hot heating water. Hot sanitary water storage in pressure in stainless steel AISI 316 inspectionable and heat exchanger in good quality steel. Entirely insulated with very high efficiency rigid polyurethane and external finishing in grey PVC. Complete of thermometer and thermostat. maximum storage temperature 99°C

Product CE approved according to P.E.D. norm 97/23/CE, paragraph 3.3.

stainless steel boilers

Model	Capacity liters	Dimensions mm		Weight kg	Sanitary working pressure bar	Primary working pressur bar	heat exchanger power with storage 45 °C and primary 80 °C kW	Hot sanitary water produc- tion da +15°C a +45°C thermo water t.m. +80°C liters		Code
		Ø	H					first 12 min.	first hour	
BMV 200 *	186	560	1125	70	6	4	51,63	512	1600	642940200
BMV 350	355	650	1490	115	6	5	95,58	925	3050	642940350
BMV 500	476	650	1885	145	6	5	130,23	1286	4145	642940500
BMV 800	775	890	1930	290	6	5	168,49	1833	5510	642940800

* Prearranged with connection for electric resistance

OPTIONAL ACCESSORIES (to be requested when ordering)	
Resistance INCOLOY 825, 2500 W ET - 230/1 V (for mod. 200)	907501036
Thermostat RTS for resistance	907500052

TA BI - TA N

Heat Accumulator

The **TA BI** is an universal vertical heat accumulator in steel with spiral heat exchanger for solar circuit and one stainless steel AISI 316 L internal tank for hot sanitary water production.

Suitable for storage of heating water from different sources (boiler working with natural gas, light oil, wood, fire place, cooking range, solar heating panels) and suitable for heating and hot sanitary water production installations.

Insulated by flexible polyurethane with high heat seal and external grey PVC finishing.

The **TA N** is the version without stainless steel internal tank for sanitary use.

Working pressure: heating 3 bar, hot sanitary water 6 bar, solar heat exchanger 8 bar.

Product CE approved according to P.E.D. norm 97/23/CE, paragraph 3.3.



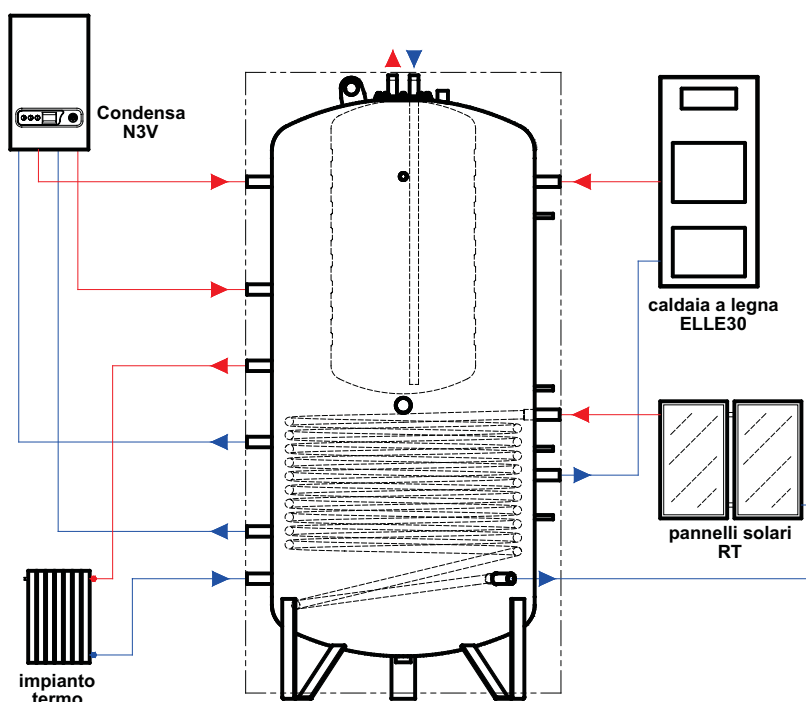
**STAINLESS STEEL AISI 316 L
INTERNAL SANITARY TANK (vers. TA BI)**

heat accumulators

Model	Capacity liters		Dimensions mm		Weight kg	N° solar panels SILE SOLE RT combinable	Surface solar heat exchanger m ²	Hot sanitary water production from +15°C to +45°C thermo water to t.m. +75°C and sanitary storage 60 °C liters		Code
	total	stainless steel tank	Ø	H				first 12 min.	first hour	
TA BI 500	500	125	800	2100	140	4	1,75	290	790	685970500
TA BI 1000	1000	210	990	2350	270	8	3,0	480	1380	685971000
TA BI 1500	1500	260	1200	2380	340	12	3,0	597	1520	685971500
TA N 500	500	125	800	2100	120	4	1,75	/	/	686970500
TA N 1000	1000	210	990	2350	240	8	3,0	/	/	686971000
TA N 1500	1500	260	1200	2380	304	12	3,0	/	/	686971500

Prearranged with connection for electric resistance.

TA application example





STRATOS



Stratification heat accumulator

Universal vertical heat accumulator in steel with internal steel spiral heat exchanger for solar circuit and one stainless steel heat exchanger for instantaneous sanitary hot water production.

Suitable for storage of heating water from different sources (boiler working with natural gas, light oil, wood, fire place, cooking range, solar heating panels) and suitable for heating and hot sanitary water production installations. A particular device allows the water stratification in the accumulator.

Insulated by flexible polyurethane with high heat seal and external red PVC finishing.

Working pressure: heating 3 bar, hot sanitary water 6 bar, solar heat exchanger 8 bar.

Product CE approved according to P.E.D. norm 97/23/CE, paragraph 3.3.

Model	Capacity liters	Dimensions mm		Weight kg	Sanitary heat exchanger power with primary to t.m. 70°C and Δt 10°C kW	Sanitary hot water production from +15°C to +45°C thermo water to t.m. +70°C liters		Code
		Ø	H			first 12 min.	first hour	
Stratos 750	750	990	1760	205	--	--	--	682970750
Stratos 1000	1000	990	2350	270	--	--	--	682971000

heat accumulators

AR

Rapid Accumulator

Vertical stainless steel AISI 316 Rapid Accumulator, with high potentiality for hot sanitary water production. Equipped with external stainless steel plate heat exchanger for working with heating hot water. Complete of water automatic mixing system to avoid temperature stratification.

The storage water heating system is effective to fight against the "legionella" problem.

Entirely insulated with rigid polyurethane with high heat seal and grey PVC external finishing .

Working pressure 8 bar.

Product CE approved according to P.E.D. norm 97/23/CE, paragraph 3.3.



STAINLESS STEEL AISI 316 L TANK AND PLATE HEAT EXCHANGER

stainless steel accumulator

Model	Capacity liters	Dimensions mm		Weight kg	Sanitary heat exchanger power with primary to t.m. 70°C and Δt 10°C kW	Sanitary hot water production from +15°C to +45°C thermo water to t.m. +70°C liters		Code
		Ø	H			first 12 min.	first hour	
AR 230	230	560	1670	95	68,0	754	2333	632630232
AR 350	350	660	1715	120	98,0	1116	3393	632630353
AR 450	450	660	2115	130	120,0	1401	4190	632630454
AR 600	600	810	1780	150	120,0	1638	4440	632630604
AR 800	800	810	2305	170	120,0	1955	4773	632630804
AR 1000 *	1000	1010	1995	220	175,0	2587	6706	632631004
					260,0	3075	9050	632631014
AR 1400 *	1400	1010	2425	245	175,0	3220	7373	632631404
					260,0	3700	9670	632631414
AR 2000 *	2000	1150	2750	240	175,0	4170	7973	632632004
					260,0	4650	10500	632632014

* Models available with 175 kW or 260 kW plate heat exchangers



Z S1 - SV S1



Vertical steel storage tanks:

Z S1 - hot galvanized

SV S1 - inside painting with Silver treatment

Equipped with one removable heat exchanger in stainless steel AISI 304

* for hot sanitary water production by heat exchange with heating water, overheated water, steam 1 bar or solar circuit.

Entirely insulated with flexible and removable polyurethane, red PVC external finishing.

Gaskets in food grade rubber.

Cathodic protection with magnesium anode/s.

Z S1:

Maximum working pressure: primary 12 bar – secondary 6 bar

Maximum storage temperature: 60°C

SV S1:

Maximum working pressure: primary 12 bar – secondary 6 bar

Maximum storage temperature: 90°C

Product CE approved according to P.E.D. norm 97/23/CE, paragraph 3.3.

N.B.: For different pressure and capacity (up to 20.000 liters) prices on request. Horizontal version +20%

galvanized / painted tanks

Model	Capacity liters	Dimensions mm		Weight kg	N° solar panels SILE SOLE RT combinable	Heat exchanger power with storage 15+50 °C & primary at tm 70 °C e $\Delta t10$ °C kW	Power with steam at 1 bar storage 15+50 °C primary a +115 °C kW.	Code
		Ø	H					
Z S1 300	300	650	1480	95	1	29	78	422170300
Z S1 500	500	750	1750	110	2	29	78	422170500
Z S1 1000	1000	900	2220	230	8	58	157	422171000
Z S1 1500	1500	1100	2200	280	12	86	232	422171500
Z S1 2000	2000	1200	2420	320	16	86	232	422172000
Z S1 3000	3000	1400	2640	410	24	144	389	422173000
Z S1 5000	5000	1700	2950	680	40	230	621	422175000
Z S1 10000	10000	1700	5300	1350	80	290	783	422179999

* for copper heat exchanger +5% on price list

Model	Capacity liters	Dimensions mm		Weight kg	N° solar panels SILE SOLE RT combinable	Heat exchanger power with storage 15+50 °C & primary at tm 70 °C e $\Delta t10$ °C kW	Power with steam at 1 bar storage 15+50 °C primary a +115 °C kW.	Code
		Ø	H					
SV S1 300	300	650	1480	95	1	29	78	412170300
SV S1 500	500	750	1750	110	2	29	78	412170500
SV S1 1000	1000	900	2220	230	8	58	157	412171000
SV S1 1500	1500	1100	2200	280	12	86	232	412171500
SV S1 2000	2000	1200	2420	320	16	86	232	412172000
SV S1 3000	3000	1400	2640	410	24	144	389	412173000
SV S1 5000	5000	1700	2950	680	40	230	621	412175000
SV S1 10000	10000	1700	5300	1350	80	290	783	412179999

* for copper heat exchanger +5% on price list

OPTIONAL ACCESSORIES (to be requested when ordering)

Checking board anodes consumption	907510199
Bulb thermometer with sheath	907620037



Z S2 - SV S2



Vertical steel storage tanks:

Z S2 - hot galvanized

SV S2 - inside painting with Silver treatment

Equipped with two removable heat exchangers in stainless steel AISI 304

* for hot sanitary water production by heat exchange with heating water, overheated water, steam 1 bar or solar circuit.

Entirely insulated with flexible and removable polyurethane, red PVC external finishing.

Gaskets in food grade rubber.

Cathodic protection with magnesium anode/s.

Z S2:

Maximum working pressure: primary 12 bar – secondary 6 bar

Maximum storage temperature: 60°C

SV S2:

Maximum working pressure: primary 12 bar – secondary 6 bar

Maximum storage temperature: 90°C

Product CE approved according to P.E.D. norm 97/23/CE, paragraph 3.3.

N.B.: For different pressure and capacity (up to 20.000 liters) prices on request. Horizontal version +20%

Model	Capacity litri	Dimensions mm		Weight kg	N° solar panels SILE SOLE RT combinable	HEATING HEAT EXCHANGER	SOLAR HEAT EXCHANGER	Code
		Ø	H			Power with storage 15+50 °C & primary at tm 70 °C e Δt10 °C kW	Power with storage 15+50 °C & primary at tm 70 °C e Δt10 °C kW	
Z S2 1000	1000	900	2220	260	8	43	58	502241000
Z S2 1500	1500	1100	2200	310	12	43	86	502241500
Z S2 2000	2000	1200	2420	350	16	43	86	502242000
Z S2 3000	3000	1400	2640	460	24	86	144	502243000
Z S2 5000	5000	1700	2950	750	40	144	230	502245000
Z S2 10000	10000	1700	5300	1470	80	230	290	502249999

* for copper heat exchanger +5% on price list

Model	Capacity litri	Dimensions mm		Weight kg	N° solar panels SILE SOLE RT combinable	HEATING HEAT EXCHANGER	SOLAR HEAT EXCHANGER	Code
		Ø	H			Power with storage 15+50 °C & primary at tm 70 °C e Δt10 °C kW	Power with storage 15+50 °C & primary at tm 70 °C e Δt10 °C kW	
SV S2 1000	1000	900	2220	260	8	43	58	512241000
SV S2 1500	1500	1100	2200	310	12	43	86	512241500
SV S2 2000	2000	1200	2420	350	16	43	86	512242000
SV S2 3000	3000	1400	2640	460	24	86	144	512243000
SV S2 5000	5000	1700	2950	750	40	144	230	512245000
SV S2 10000	10000	1700	5300	1470	80	230	290	512249999

* for copper heat exchanger +5% on price list

OPTIONAL ACCESSORIES (to be requested when ordering)

Variant S3 third removable heat exchanger for capacity 1000, 1500, 2000 (power 43 kW)	
Variant S3 third removable heat exchanger for capacity 3000 (power 86 kW)	
Variant S3 third removable heat exchanger for capacity 5000 (power 144 kW)	
Variant S3 third removable heat exchanger for capacity 10000 (power 230 kW)	
Checking board anodes consumption	907510199
Bulb thermometer with sheath	907620037



vers. normal

vers. **MS - MS3V**
(mod. 300)

BSV S1



Vertical tanks double coat vitrified with fix heat exchanger for hot sanitary water production by heat exchange of heating hot water or solar circuit. Entirely insulated with rigid polyurethane (mod. BSV S1 1500 flexible polyurethane demountable), red PVC external finishing. Complete of inspection hatchway. Cathodic protection with magnesium anode/s.

Maximum working pressure: primary 8 bar – secondary 6 bar
Maximum storage temperature: 90°C

Product CE approved according to P.E.D. norm 97/23/CE, paragraph 3.3.

Model	Capacity liters	Dimensions mm		Weight kg	N° solar panels SILE SOLE RT combinable	Heat exchanger power with storage 15+50 °C & primary at tm 70 °C e $\Delta t 10$ °C kW	Code
		Ø	H				
BSV S1 150 *	150	660	900	60	1	26	502330150
BSV S1 200 *	200	660	1250	70	1	26	502330200
BSV S1 300	300	660	1680	90	2	33	502330300
BSV S1 500	500	710	2040	130	4	50	502330500
BSV S1 750	750	900	1760	147	6	64	502330750
BSV S1 1000	1000	900	2050	178	8	80	502331000
BSV S1 1500	1500	1100	2050	240	12	80	502331500

Package models **M** with MS pump group

BSV S1 300 MS	502340300
----------------------	-----------

* Not available with inspection hatchway

OPTIONAL ACCESSORIES (to be requested when ordering)

Bulb thermometer with sheath	907620037
------------------------------	-----------

M

vers. normal

vers. **MS - MS3V**
(mod. 300-500)

BSV S2



Vertical tanks double coat vitrified with two fix heat exchangers for hot sanitary water production by heat exchange of heating hot water and solar circuit.

Entirely insulated with rigid polyurethane (mod. BSV S1 1500 flexible polyurethane demountable), red PVC external finishing.

Complete of inspection flange

Cathodic protection with magnesium anode/s.

Gaskets in food grade rubber.

Maximum working pressure: primary 8 bar – secondary 6 bar

Maximum storage temperature: 90°C

- Version **MS**: tank with mounted and wired pump group and solar control.

- Version **MS3V**: tank with mounted and wired pump group to be combined with boiler mod. CONDENSA N3V with SOLARSYSTEM board.

Product CE approved according to P.E.D. norm 97/23/CE, paragraph 3.3.

vitrified tanks

Model	Capacity litri	Dimensions mm		Weight kg	N° solar panels SILE SOLE RT combina- ble	HEATING HEAT EXCHANGER	SOLAR HEAT EXCHANGER	Code
		Ø	H			Power with storage 15+50 °C & primary at tm 70 °C e Δt10 °C	Power with storage 15+50 °C & primary at tm 70 °C e Δt10 °C	
BSV S2 300	300	660	1680	105	2	20,7	33	502350300
BSV S2 500	500	710	2040	151	4	27,6	50	502350500
BSV S2 750	750	900	1760	175	6	43,7	64	502350750
BSV S2 1000	1000	900	2050	214	8	60	80	502351000
BSV S2 1500	1500	1100	2050	300	12	80	80	502351500

Package models **M** with MS pump group

BSV S2 300 MS	502360300
BSV S2 500 MS	502360500
BSV S2 300 MS3V (for installation with CONDENSA N3V)	502370300
BSV S2 500 MS3V (for installation with CONDENSA N3V)	502370500

OPTIONAL ACCESSORIES (to be requested when ordering)

Differential electronic thermostat with two probes of circulator control (for installation to remote dislocation)	907520126
Two probes trigger box multifunction with display and reading probe max temperature (SILESOL BASIC)	907520129
Three probes trigger box multifunction with display and reading probe max temperature (SILESOL PLUS)	907520128
Thermal carrier fluid (propylene glycol with inhibitor). Dilution to carry out according to instruction	907720051
Bulb thermometer with sheath	907620037



SIV INOX



Vertical pressure inertial tanks and/or hot sanitary water accumulators, in stainless steel AISI 316, for air conditioning, refrigeration and heating, insulated with rigid polyurethane and external PVC finishing.

Working pressure 8 bar.

Product CE approved according to P.E.D. norm 97/23/CE, paragraph 3.3.

Model	Capacity liters	Dimensions mm		Weight kg	Installation's potentiality with single compressor frig/h	Circulation Ø	Code
		Ø	H				
SIV INOX 160	160	560	1270	35	6.000	1"1/4	452150160
SIV INOX 230	230	560	1670	45	10.000	1"1/2	452150230
SIV INOX 350	350	660	1715	70	15.000	1"1/2	452150350
SIV INOX 450	450	660	2115	85	20.000	1"1/2	452150450
SIV INOX 600	600	810	1780	100	25.000	2"	452150600
SIV INOX 800	800	810	2305	125	32.000	2"	452150800
SIV INOX 1000	1000	1010	2025	175	40.000	2"1/2	452151000
SIV INOX 1400	1400	1010	2425	205	56.000	2"1/2	452151400
SIV INOX 2000	2000	1150	2750	235	80.000	2"1/2	452152000

stainless steel tanks

Slz - Sl_n

Inertial Tanks

The **Slz** are vertical pressure inertial tanks and/or hot sanitary water accumulators with optional magnesium anode, in hot galvanized steel (max. storage temperature 99°C / 60°C for sanitary use), for air conditioning, refrigeration and heating, self-supporting, insulated with rigid polyurethane with high heat seal, anticondensate protection and external finishing in embossed aluminium.

The **Sl_n** are vertical inertial tanks in steel, black painted * and demountable insulation of 50 mm thickness, flexible polyurethane and external red PVC finishing (max. storage temperature 99°C)

Working pressure 6 bar.

Product CE approved according to P.E.D. norm 97/23/CE, paragraph 3.3...

* On request, horizontal versions are available, saddles included, with 30% price increase and capacity up to 25.000 liters



hot galvanized and black painted tanks

Model	Capacity liters	Dimensions mm		Weight kg	Installation's potentiality with single compressor frig/h	Circulation Ø	Code
		Ø	H				
Slz 100	100	500	840	25	4.000	1"1/4	462320100
Slz 200	200	500	1340	45	8.000	1"1/2	462320200
Slz 300	300	600	1420	50	12.000	2"	462320300
Slz 500	500	700	1700	70	20.000	3"	462320500
Slz 800	800	850	1810	115	32.000	3"	462320800
Slz 1000	1000	850	2160	120	40.000	3"	462321000
Slz 1500	1500	1160	1900	200	60.000	3"	462321500
Slz 2000	2000	1160	2400	270	80.000	3"	462322000
Slz 3000	3000	1360	2615	330	120.000	4"	462323000

Model	Capacity liters	Dimensions mm		Weight kg	Installation's potentiality with single compressor frig/h	Circulation Ø	Code
		Ø	H				
Sl_n 100	100	550	860	25	4.000	1"1/4	462300100
Sl_n 200	200	550	1360	45	8.000	1"1/2	462300200
Sl_n 300	300	650	1440	50	12.000	2"	462300300
Sl_n 500	500	750	1720	70	20.000	3"	462300500
Sl_n 800	800	900	1830	115	32.000	3"	462300800
Sl_n 1000	1000	900	2180	120	40.000	3"	462301000
Sl_n 1500	1500	1200	1920	200	60.000	3"	462301500
Sl_n 2000	2000	1200	2420	270	80.000	3"	462302000
Sl_n 3000	3000	1400	2635	330	120.000	4"	462303000

OPTIONAL ACCESSORIES Cathodic protection with magnesium anode for hot sanitary water storage

Magnesium anode for 100+500 liters	903985001
Magnesium anode for 800+1500 liters	903985002
Magnesium anode for 2000+3000 liters	903985003

VE 150/200

SOLAR PACKAGE

Tank 150/200 liters / 1 RT 2 m²

Hot sanitary water producer through solar energy, with natural circulation, consisting of an horizontal 150/200 liters vitrified steel storage tank entirely insulated with rigid closed cell polyurethane at high heat seal and external finishing in ABS silver colour. Complete of one solar panel of sqm. 2 nominal surface mod. RT, safety valve, load and drain cock, air vent, electric resistance thermostatted by 1500 W - 230/1 V (also for antifreeze function on sanitary storage).



Model	Working pressure bar	Working temperature °C		Dimensions HxLxP mm	Weight kg		Code
		-25	+95		empty	working	
VE 150	6	-25	+95	1770x1140x2320	123	275	542980155
VE 200	6	-25	+95	1770x1420x2320	140	342	542980200



VE 300

SOLAR PACKAGE

Tank 300 liters / 2 RT 4 m²

Hot sanitary water producer through solar energy, with natural circulation, consisting of an horizontal 300 liters vitrified steel storage tank entirely insulated with rigid closed cell polyurethane at high heat seal and external finishing in ABS silver colour. Complete of two solar panel of sqm. 2 nominal surface mod. RT, safety valve, load and drain cock, air vent, electric resistance thermostatted by 1500 W - 230/1 V (also for antifreeze function on sanitary storage).

Model	Working pressure bar	Working temperature °C		Dimensions HxLxP mm	Weight kg		Code
		-25	+95		empty	working	
VE 300	6	-25	+95	1770x2155x2320	210	512	542980300

ACCESSORIES TO COMPLETE THE SOLAR PACKAGE VE 150/200 - VE 300

VE 150/200	Frame for installation on flat surface, hydraulic pipe fittings and antifreeze liquid (5 liters tank to water down as instructions)	605201900
	Frame for installation on inclined roof, hydraulic pipe fittings and antifreeze liquid (5 liters tank to water down as per instructions)	605202100
VE 300	Frame for installation on flat surface, hydraulic pipe fittings and antifreeze liquid (5 liters tank to water down as per instructions)	605202000
	Frame for installation on inclined roof, hydraulic pipe fittings and antifreeze liquid (5 liters tank to water down as per instructions)	605202101
Safety valve sensible to temperature and pressure Ø 3/4" for sanitry circuit		907100072
Adjustable thermostatic mixer with check valve Ø 3/4"		907170103

SOLAR PANEL RT - RTO

RT 2,0 - 2,4 m² vertical

RTO 2,0 m² horizontal

Solar panel **SILE SOLE model RT** with copper tubular structure and absorbing surface with and high selective vacuum made TINOX treatment, **stainless steel frame structure** and bottom in aluminium, high-transparent and low-iron content solar glass, 40 mm. mineral wool rear insulation, flexible fixing of absorbing surface with rubber pipes withstanding high temperatures.

Single or in series installation, for installation on flat surface or on inclined roof on tiles or in roof. For installation see "INSTALLATION SYSTEM" on the next page.

Certified SPF according to EN 12975-2/2001.



Model	Max. working pressure bar	Working temperature °C	Dimensions HxLxP mm	Weight kg	Capacity l	Picking up surface m ²	Code
RT 2,0	6	-25 ÷ +95	2018x986x77	34	1,0	1,9	602990010
RT 2,4	6	-25 ÷ +95	2444x986x77	41	1,1	2,3	602990011
RTO 2,0	6	-25 ÷ +95	986x2018x77	34	1,0	1,9	602990020

SOLAR PANEL RT ALU

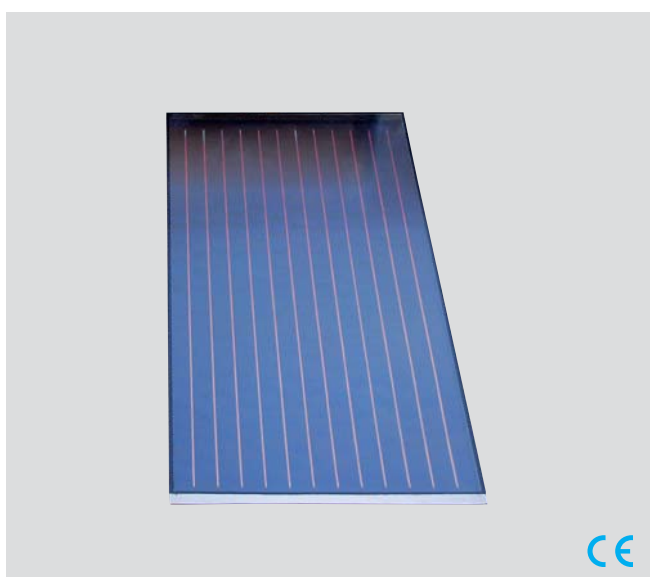
RT ALU 2,0 m² vertical

Solar panel **SILE SOLE model RT** with copper tubular structure and absorbing surface with and high selective vacuum made TINOX treatment, **Aluminium frame structure**, high-transparent and low-iron content solar glass, 40 mm. mineral wool rear insulation, flexible fixing of absorbing surface with rubber pipes withstanding high temperatures.

Single or in series installation, for installation on flat surface or on inclined roof on tiles.

For installation see "installation system" and "accessories" on the next pages.

Certified SPF according EN 12975-2/2001




Model	Max. working pressure bar	Working temperature °C	Dimensions HxLxP mm	Weight kg	Capacity l	Picking up surface m ²	Code
RT ALU 2,0	6	-25 ÷ +95	2032x1030x73	35	1,5	2,0	602990100


SYSTEM FOR SOLAR PANEL RT INSTALLATION


FLUSH MOUNTED ON ROOF (not suggest for tiles roof) RT


Type		Code
KIT TE1 for flush mounting on the roof of 1 panel	components for RT 2,0	605203001
	components for RT 2,4	605243001
KIT TE2 for flush mounting on the roof of 2 panels	components for RT 2,0	605203000
	components for RT 2,4	605243000
KIT TE3 for flush mounting on the roof of 3 panels	components for RT 2,0	605203003
	components for RT 2,4	605243003
KIT TE4 for flush mounting on the roof of 4 panels	components for RT 2,0	605203004
	components for RT 2,4	605243004
KIT TE5 for flush mounting on the roof of 5 panels	components for RT 2,0	605203005
	components for RT 2,4	605243005
KIT TE6 for flush mounting on the roof of 6 panels	components for RT 2,0	605203006
	components for RT 2,4	605243006
KIT TE7 for flush mounting on the roof of 7 panels	components for RT 2,0	605203007
	components for RT 2,4	605243007
KIT TE8 for flush mounting on the roof of 8 panels	components for RT 2,0	605203008
	components for RT 2,4	605243008

ON TILES INSTALLATION RT


Type		Code
KIT T - TO aluminium frame with <u>pass through screws</u> for fixing 	KIT 1T: <u>ONE</u> vertical panel	605201099
	KIT 2T: <u>TWO</u> vertical panels	605201100
	KIT 3T: <u>THREE</u> vertical panels	605201101
	KIT 1TO: <u>ON</u> horizontal panel	605201140
	KIT 2TO: <u>TWO</u> horizontal panels	605201150
	KIT 3TO: <u>THREE</u> horizontal panels	605201151

KIT TZ - TOZ aluminium frame with under tile fixing brackets 	KIT 2TZ: <u>ONE</u> or <u>TWO</u> vertical panels	605201102
	KIT 3TZ: <u>TWO</u> vertical panels	605201103
	KIT 1TOZ: <u>ONE</u> horizontal panels	605201141
	KIT 2TOZ: <u>TWO</u> horizontal panels	605201152
	KIT 3TOZ: <u>THREE</u> horizontal panels	605201153



KIT 20 - 21 aluminium frame and pass through screws for installation with 20° inclination from pitch for (only for RT/RTO 2,0) 	KIT 20: <u>ONE</u> vertical panel	605201104
	KIT 21: <u>TWO</u> verticals panels	605201105
	KIT 20.O: <u>ONE</u> horizontal panels	605201154
	KIT 21.O: <u>TWO</u> horizontal panels	605201155

KV2 - Fixing set of more T aluminium frame (necessary for installation with more than three solar panels in a row) 	907261935
--	-----------


INSTALLATION ON FLAT SURFACE RT

Type	Code
Aluminium frame for aluminum panels with 45° inclination 	KIT 1P <u>ONE</u> vertical panel mod. RT 2,0 907261929
	KIT 2P <u>TWO</u> vertical panels mod. RT 2,0 907261930
	KIT 2PS <u>TWO</u> vertical panels mod. RT 2,4 907261936
	KIT 3P <u>THREE</u> vertical panels mod. RT 2,0 907261931
	KIT 3PS <u>THREE</u> vertical panels mod. RT 2,4 907261937
	KIT 1PO <u>ONE</u> horizontal panel mod. RT 2,0 907261934
	KIT 2PO <u>TWO</u> horizontal panels mod. RT 2,0 907261932
	KIT 3PO <u>THREE</u> horizontal panels mod. RT 2,0 907261933

SOLAR PANEL RT ALU ON TILES INSTALLATION

Type	Code
KIT TA- TZA   KIT TA aluminium frame with pass through screw for fixing KIT TZA aluminium frame with under tile fixing brackets	KIT 1TA: <u>ONE</u> panel 605201510
	KIT 2TA: <u>TWO</u> panels 605201511
	KIT 3TA: <u>THREE</u> panels 605201512
	KIT 2TZA: <u>ONE</u> or <u>TWO</u> panels 605201513
	KIT 3TZA: <u>THREE</u> panels 605201514

RT ALU INSTALLATION ON FLAT SURFACE

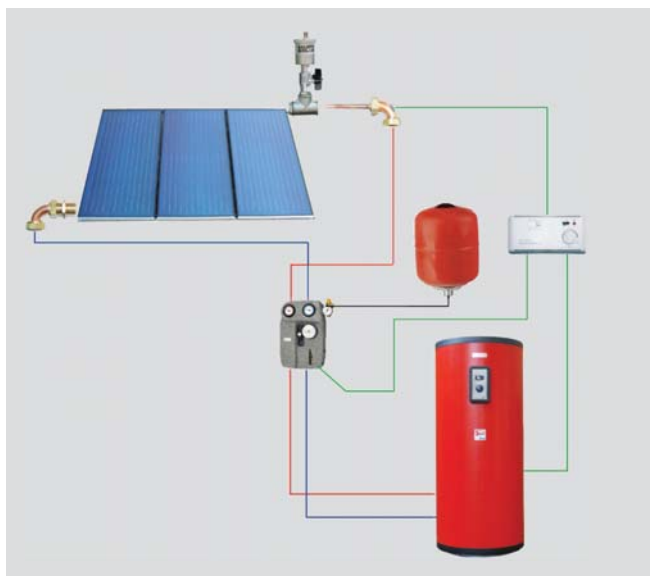
Tipo	Code
Aluminium frame for aluminum panels with 45° inclination 	KIT 1P-ALU <u>ONE</u> panel 907261940
	KIT 2P-ALU <u>TWO</u> panels 907261941
	KIT 3P-ALU <u>THREE</u> panels 907261942

SOLAR MODULES

type S

For hot sanitary water production

Consisting of: RT solar panels of m^2 2, storage tanks with **single or double heat exchanger** in stainless steel AISI 316 (mod. BIM S1 - BIM S2) or vitrified (mod. BSV S1 - BSV S2), complete of listed accessories.



Model	Nr. of solar panels RT 2,0 m ²	Max. nr. people	SILE solar storage tank	Code
Modules equipped with storage tanks with one heat exchanger				
SOLAR MODULE S2 X1	2	4	BIM S1 230	552510230
SOLAR MODULE S2 V1	2	4	BSV S1 300	562250300
SOLAR MODULE S3 X1	3	6	BIM S1 350	552510350
SOLAR MODULE S3 V1	3	6	BSV S1 300	562250301
SOLAR MODULE S4 X1	4	8	BIM S1 450	552510450
SOLAR MODULE S4 V1	4	8	BSV S1 500	562250501
SOLAR MODULE S5 X1	5	10	BIM S1 600	552510600
SOLAR MODULE S5 V1	5	10	BSV S1 500	562250500
Modules equipped with storage tank with double heat exchanger				
SOLAR MODULE S2 X2	2	4	BIM S2 230	552520230
SOLAR MODULE S2 V2	2	4	BSV S2 300	562260300
SOLAR MODULE S3 X2	3	6	BIM S2 350	552520350
SOLAR MODULE S3 V2	3	6	BSV S2 300	562260301
SOLAR MODULE S4 X2	4	8	BIM S2 450	552520450
SOLAR MODULE S4 V2	4	8	BSV S2 500	562260501
SOLAR MODULE S5 X2	5	10	BIM S2 600	552520600
SOLAR MODULE S5 V2	5	10	BSV S2 500	562260500

ACCESSORIES SERIES INCLUDED FOR EACH S MODULE (see page 95)

Group pump/valve Ø 3/4" with three speed, thermometer, safety valve, expansion vessel's connection, drain, insulation, interception, flow meter 2/10 l/min. (recommended ~10 panels RT of m^2 2,0 Δp 3 m)

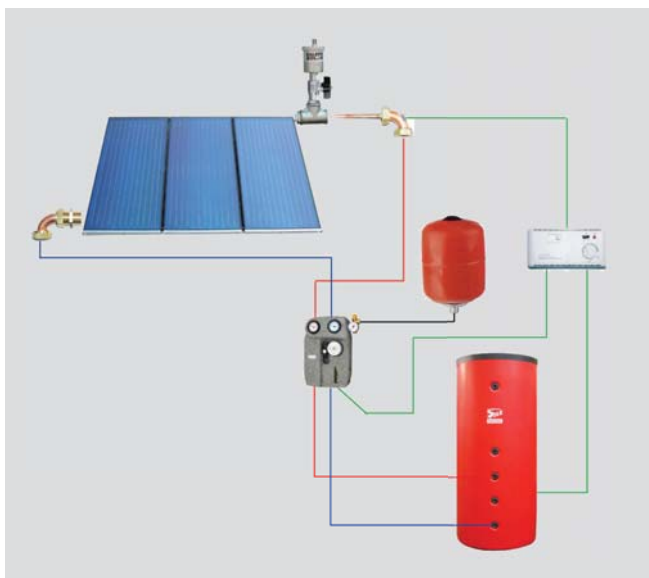
Expansion vessel 18 liters model Solar plus

Two probes differential thermostat

Tee with ball cock and air valve for solar installation

KIT C hydraulic connections to the installation (RH or LH)

Antifreeze liquid (5 liters module S2 -S3, 10 liters module S4-S5, to water down according to instructions)



SOLAR MODULES **SILE** type IR

For integration to heating and hot sanitary water production in small and medium solar installations**

Solar modules IR model for integration to heating and hot sanitary water production are solar installations complete of thermo storage tank and solar panel already designed in the numbers of users and the surface of the dwelling to be heated.

Consisting of: RT 2,0 m² solar panel, universale **TA BI** thermo storage tank and accessories for the completion of the solar installation.

Can be integrated with boiler **CONDENSA N3V** (see page 8) equipped of electronics **SOLARSYSTEM** for solar circuit running (that eliminates the need for differential thermostat or SILE SOL trigger box).

Model	max. number of solar panel RT 2,0 m ²	max. number of persons	Heated room surface m ²	Heat accumulator SILE model	Code
MODULO SOLARE IR1	4	2/3	50	TA BI 500	562270500
MODULO SOLARE IR2	8	4/5	100	TA BI 1000	562271000
MODULO SOLARE IR3	12	5/6	150	TA BI 1500	562271500

**** 25% integration to heating. Data to be considered for the North of Italy for a single house as per act 10/91**

ACCESSORIES INCLUDED FOR EACH IR MODULE (see page 95)

Group pump/valve Ø 3/4" with three speed, thermometer, safety valve, expansion vessel's connection, drain, insulation, interception, flow meter 2/10 l/min. (recommended ~10 panels RT of m² 2,0 Δp 3 m)

Expansion vessel 18 liters model Solar plus

Two probes differential thermostat

Tee with ball cock and air valve for solar installation

KIT C hydraulic connections to the installation (RH or LH)

Antifreeze liquid (10 liters to water down according to instructions)

ACCESSORIES FOR SOLAR CIRCUIT

Type		Code
Group pump/valve Ø 3/4" with three speed, thermometer, safety valve, expansion vessel's connection, drain, insulation, interception, flow meter 2/10 l/min. (recommended ~10 panels RT of m ² 2,0 Δp 3 m)		907430299
Group pump/valve for large installations Ø 1" 1/4 with three speed pump, thermometer, safety valve, expansion vessel's connection, drain, insulation, interception, flow meter 20/70 l/min, nr.2 non return valves (recommended for ~20 panels RT of m ² 2,0 Δp 3 m)		907430302
Expansion vessel mod. Solar plus (load 2,5 bar)	liters 18	907154082
	liters 50	907154083
	liters 105	907154084
Tee Ø 3/4" ball cock and air valve Ø 3/8" specific for solar installations		605200103
Safety valve Ø 3/4" sensible to temperature and pressure set at 7 bar - 90 °C		907100072
Adjustable thermostatic mixer Ø 3/4" with check valve		907170103
KIT C hydraulic connection to the installation (RH or LH)		605200104
Solar probe		907520151
Flow meter 3/4" - 1"		907156054
Two probes differential thermostat		907520126
SILESOL BASIC Two probes electronic digital control, multifunction, with display and probe of max. temperature		907520129
SILESOL PLUS Three probes electronic digital control, multifunction, with display and probe of max. temperature.		907520128
ANTIFREEZE LIQUID (to water down as per instructions)		907720051
KIT SOLAR SR connection KIT between solar tank and Superapida R boiler SUPERAPIDA R		605200110
KIT SOLAR DM Hot Sanitary Water mixer for connection boiler - solar installation		907100401
SILPRESS Fill-in solar installation system		907430105



PHOTOVOLTAICS MODULES MF 230

Photovoltaics modules consisting of 60 photovoltaics polyglass silicon cells each one of dimensions 156x156 mm able to produce an high power with very low tolerance ($\pm 3\%$).

The sturdy aluminium frame, which withstands corrosion is easy to be fixed. The front side is made of 4 mm. thick tempered solar glass, with high light exchange.

The photovoltaics modules are EUROTTEST approved according to the European standard IEC 61215:2005 and the safety tests are done as per CEI EN 61730-2 norm dated 2007.

Model	Dimensions (HxLxP) mm	Weight kg	Nominal power W - P _{MPP}	Nominal tension V - U _{MPP}	Short circuit current A - I _{SC}	Max. tension V DC
MF 230	1670 x 1000 x 35	20	230	29,4	8,44	1000

Data obtained at standard conditions: 1000 W/m², 25 °C, AM 1,5

 Prices will be quoted according to the required powers

KIT FOR PHOTOVOLTAICS MODULES MF 230

KIT 1,61 kWp	consisting of: 7 modules in 1 row, inverter, interface board.+ distribution board, aluminium frame for 1 row of 7 modules
KIT 1,84 kWp	consisting of: 8 modules in 2 rows, inverter, interface board.+ distribution board, aluminium frame for 2 rows of 4 modules
KIT 2,07 kWp	consisting of: 9 modules in 1 row, inverter, interface board.+ distribution board, aluminium frame for 1 row of 9 modules
KIT 2,30 kWp	consisting of: 10 modules in 2 rows, inverter, interface board.+ distribution board, aluminium frame for 2 rows of 5 modules
KIT 2,53 kWp	consisting of: 11 modules in 2 rows, inverter, interface board.+ distribution board, aluminium frame for 1 row of 6 modules and 1 row of 5 modules
KIT 2,76 kWp	consisting of: 12 modules in 2 rows, inverter, interface board.+ distribution board, aluminium frame for 2 rows of 6 modules
KIT 2,99 kWp	consisting of: 13 modules in 2 rows, inverter, interface board.+ distribution board, aluminium frame for 1 row of 7 modules and 1 row of 6 modules
KIT 3,22 kWp	consisting of: 14 modules in 2 rows, inverter, interface board.+ distribution board, aluminium frame for 2 rows of 7 modules
KIT 3,45 kWp	consisting of: 15 modules in 2 rows, inverter, interface board.+ distribution board, aluminium frame for 1 row of 8 modules and 1 row of 7 modules
KIT 3,68 kWp	consisting of: 16 modules in 2 rows, inverter, interface board.+ distribution board, aluminium frame for 2 rows of 8 modules
KIT 3,91 kWp	consisting of: 17 modules in 2 rows, inverter, interface board.+ distribution board, aluminium frame for 1 row of 9 modules and 1 row of 8 modules
KIT 4,14 kWp	consisting of: 18 modules in 2 rows, 2 inverter, interface board.+ distribution board, aluminium frame for 2 rows of 9 modules



SILECLIMA



HEAT PUMPS series RA 6÷25

Air/water Heat Pumps with high efficiency, **reversible** at medium temperature from 6 to 25 thermal kW, single phase or three phases for water heating up to 55°C and working with external temperatures up to -15°C and hot sanitary water production. Hydraulic circuit pressure 6 bar
Compressor type SCROLL - Cooling Gas R410A

Suitable for integrated hybrid systems with condensing boilers **CONDENSA** series and solar thermic and photovoltaic installations. Room control with back lighted display series.

Possibility of integrated systems installation with the exclusive "ENERGY MANAGER" to optimize the use of the various energy sources of the system and the management up to 3 independent mixed zones and up to 4 in cascade boilers.

Heat pumps RA series	DIMENSIONS mm				Electric supply V. - Hz.
	L	H	P	weight kg	
RA6 single phase	900	1240	420	145	230-1 - 50
RA7 single phase	900	1240	420	150	230-1 - 50
RA11 single phase	900	1240	420	155	230-1 - 50
RA14 single phase	900	1390	420	170	230-1 - 50
RA14 three phases	900	1390	420	170	400-3N - 50
RA17 three phases	1550	1200	450	250	400-3N - 50
RA25 three phases	1550	1700	450	335	400-3N - 50

Heat pumps RA series	Heating water at 30/35°C External air temperature 7°C				Heating water 23/18°C External air temperature 35°C				Compressor N°	Fan N°	Inrush current A	Acoustic power dB(A)	Code
	Nominal thermal power kW	Total absorbed power kW	COP Eurovent	COP EN14511	refrigerating power kW	Total absorbed power kW	EER Eurovent	EER EN14511					
RA6 single phase	6,3	1,5	4,20	4,13	7,20	1,90	3,79	3,82	1	1	27	69	131130006
RA7 single phase	7,4	1,8	4,11	4,15	8,30	2,20	3,77	3,82	1	1	30	69	131130007
RA11 single phase	11,2	2,6	4,31	4,22	12,3	3,30	3,73	3,81	1	2	45	71	131130011
RA14 single phase	14,0	3,3	4,24	4,16	15,7	4,10	3,83	3,84	1	2	45	71	131130014
RA14 three phases	14,0	3,3	4,24	4,15	15,8	4,20	3,76	3,81	1	2	64	71	131132014
RA17 three phases	17,9	4,2	4,26	4,25	20,2	5,30	3,81	3,81	1	2	75	72	131132017
RA25 three phases	25,1	6,0	4,18	4,19	29,2	7,80	3,74	3,85	1	3	111	74	131132025

OPTIONAL ACCESSORIES heat pumps series RA 6÷25

ENERGY MANAGER - Module for the management of integrated hybrid systems with several energy sources for building air-conditioning and the use of renewable energies.	907520530
Room TERMINAL with temperature and humidity probe	139000001
Expansion Module ME1Z - Management of one system's zone	139000002
Management Module for in cascade heat pumps (max 4) MSQ	139000003
Serial Board for protocol ModBus	139000004
Delivery electric resistance Kit of 3 kW - 230 V	139000402
Delivery electric resistance Kit of 3 kW - 400 V three phases	139000403
Delivery electric resistance Kit of 6 kW - 400 V three phases	139000404
Delivery electric resistance Kit of 9 kW - 400 V three phases	139000405
Water filter Kit with extractable metallic net 1"1/4 (mod. RA6m, RA7m)	139000201
Water filter Kit with extractable metallic net 1"1/2 (mod. RA11m, RA17t)	139000202
Water filter Kit with extractable metallic 2" (mod. RA25t)	139000203
Anti-vibrating base rubber Kit for floor installation (RA6m - RA14t)	139000301
Anti-vibrating base rubber Kit for floor installation (RA17m - RA25t)	139000302
Condensate collecting tub Kit	139000005
Electric resistance Kit of 1, 2, 3, kW antilegionella or ACS	139000401
Three ways valve 1"1/4 for production	139000501

heat pumps



SILECLIMA



HEAT PUMPS series **NAi-RAi 9m**

Air/water Heat Pumps with high efficiency for **heating only (mod.NAi) and reversible (mod. RAi)** from 9,55 thermal kW with rotative compressor **DC inverter single phase** for water heating up to 60°C and working with external temperature up to -20°C and hot sanitary water production. Hydraulic circuit pressure 3bar. Cooling Gas R410A

Suitable for integrated hybrid systems with condensing boilers **CONDENSA** series and solar thermic and photovoltaic installations. Room control with back lighted display series.

Possibility of integrated systems installation with the exclusive "ENERGY MANAGER" to optimize the use of the various energy sources of the system and the management up to 3 independent mixed zones and up to 4 in cascade boilers.

Heat pumps series NAi - RAi	DIMENSIONS mm			
	L	H	P	weight kg
NAi9m (heating only)	850	882	330	85
RAi9m	850	882	330	85

Heat pumps series NAi - RAi	Heating water at 30/35°C External air temperature 7°C				Heating water at 23/18°C External air temperature 35°C				Fan N°	Acoustic power dB(A)	Code
	Nominal thermal power kW	Total absorbed power kW	COP Eurovent	COP EN14511	refrigerating power kW	Total absorbed power kW	EER Eurovent	EER EN14511			
NAi9m (heating only)	9,55	2,31	4,13	4,02	/	/	/	/	1	64	131140109
RAi9m	9,55	2,31	4,13	4,02	8,30	2,20	3,77	3,82	1	64	131140009

OPTIONAL ACCESSORIES heat pumps series **NAi-RAi 9**

ENERGY MANAGER - Module for the management of integrated hybrid systems with several energy sources for building air-conditioning and the use of renewable energies.	907520530
Room TERMINAL with temperature and humidity probe	139000001
Expansion Module ME1Z - Management of one system's zone	139000002
Management Module for in cascade heat pumps (max 4) MSQ	139000003
Serial Board for protocol ModBus	139000004
Delivery electric resistance Kit of 3 kW - 230 V	139000402
Delivery electric resistance Kit of 3 kW - 400 V three phases	139000403
Delivery electric resistance Kit of 6 kW - 400 V three phases	139000404
Delivery electric resistance Kit of 9 kW - 400 V three phases	139000405
Water filter Kit with extractable metallic 2"	139000203
Anti-vibrating base rubber Kit for floor installation	139000301
Electric resistance Kit of 1, 2, 3, kW antilegionella or ACS	139000401
Three ways valve 1"1/4 for production	139000501



SILEVENT



Air conditioning terminals

Air conditioning terminals with high efficiency **SILEVENT** for ambient heating, cooling and dehumidification.

They allow to reach very high energy efficiencies due to the possibility to be coupled with low temperature heat generators, hence with Sile integrated systems composed by condensing gas boilers, **heat pumps** and solar systems.

The fan, tangential type with asymmetric paddles and the heat exchanger with wide frontal surface allow to reach high air flows with low load losses and great silentness. The fan speed is continuously modulated by the temperature control with proportional and integrated logic with considerable advantages for temperature and humidity regulation in summer working.

The range is composed by 5 models for the furniture type positioning (mod **SV**), and 5 models for built into wall type (mod **SVi**) or built into false ceiling, with left or right hydraulic connections and with two or four pipes.

models SILEVENT	DIMENSIONS mm				
	L	H	P	weight kg	
mod. SV furniture type	1000	697	579	131	17
	2000	897	579	131	20
	3000	1097	579	131	23
	4000	1297	579	131	26
	5000	1497	579	131	29
mod. SVi built in type	1000	479	579	126	9
	2000	679	579	126	12
	3000	879	579	126	15
	4000	1079	579	126	18
	5000	1279	579	126	21

models SILEVENT with 2 pipes	Heating with water inlet at 50°C			Cooling			Max. working pressure bar	Max. air capacity m³/h	Max. absorbed power W	Max. absorbed current A	Power supply V - Hz	Code
	Heating yield W	Water capacity l/h	Water load loss kPa	Cooling yield W	Water capacity l/h	Water load loss kPa						
SV1000	1090	142	5,7	830	143	7,2	10	162	17	0,11	230/1-50	135102100
SVi1000												135002100
SV2000	2350	302	6,6	1760	303	8,4	10	320	38	0,24	230/1-50	135102200
SVi2000												135002200
SV3000	3190	453	16,3	2650	456	22,5	10	461	41	0,25	230/1-50	135102300
SVi3000												135002300
SV4000	4100	573	14,0	3340	574	18,6	10	576	42	0,26	230/1-50	135102400
SVi4000												135002400
SV5000	4860	655	18,3	3800	654	24,9	10	648	43	0,27	230/1-50	135102500
SVi5000												135002500

SILEVENT with 4 pipes												
S4V1000	1090	142	5,7	830	143	7,2	10	162	17	0,11	230/1-50	135104100
S4Vi1000												135004100
S4V2000	2350	302	6,6	1760	303	8,4	10	320	38	0,24	230/1-50	135104200
S4Vi2000												135004200
S4V3000	3190	453	16,3	2650	456	22,5	10	461	41	0,25	230/1-50	135104300
S4Vi3000												135004300
S4V4000	4100	573	14,0	3340	574	18,6	10	576	42	0,26	230/1-50	135104400
S4Vi4000												135004400
S4V5000	4860	655	18,3	3800	654	24,9	10	648	43	0,27	230/1-50	135104500
S4Vi5000												135004500

OPTIONAL ACCESSORIES **SILEVENT**

Wall remote control for 2 pipes version	139500001
Remote control with ambient probe	139500002
4 speed electronic control	139500003
Engine connection Kit for units with right connections	139500004
6 speed auto-transformer for connection with traditional type thermostats	139500005
Wall control with thermostat, summer/winter selector, speed selector	139500006
Built-in control with thermostat, summer/winter selector, speed selector	139500007
Electronic board for net remote controls of terminals (web server)	139500008

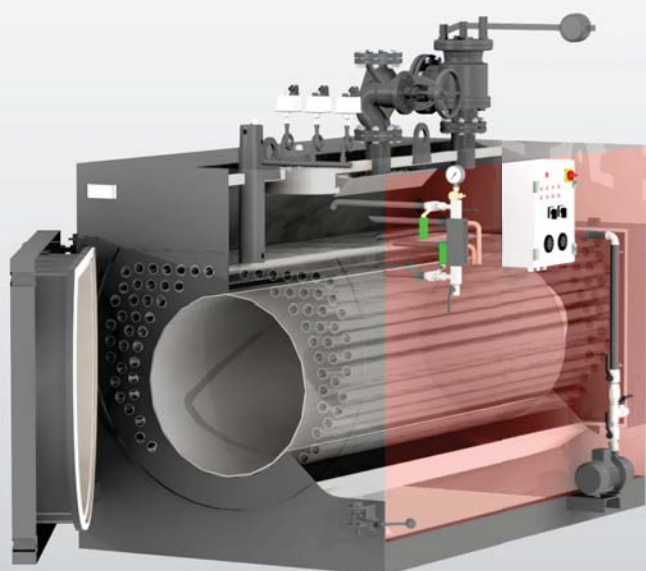
air conditioning terminals

Construction type

The range of industrial Sile generators consists of models with three real smoke runs PVM-PAS series (one in the furnace and two in the smooth beam tubes without turbulators) with output power up to 3488 kW and models with reverse flame VMB-VMA-SMB series with three smoke runs (two of them in the furnace) with output power up to 1400 kW.

They are substantially two different types of construction.

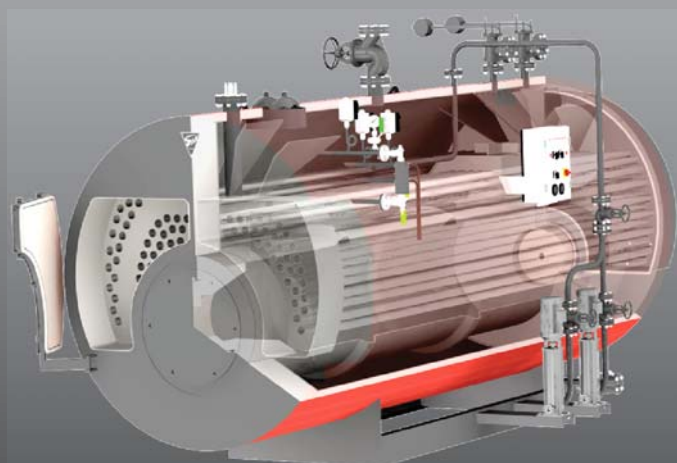
In **reverse flame** models the smokes reverse their course inside the furnace going through it twice.



REVERSE FLAME GENERATORS

In the generators **with three smoke runs**, the smokes, after passing through the furnace, reverse their course in a reversing chamber inside the boiler, cooled by water and subsequently they pass through two sets of tubes, one over the other.

In this way are reduced the inconveniences caused by the presence of refractory materials (frequent needs of maintenance) and heat losses for radiancy and convection by means of the wet reversing chamber.



THREE REAL SMOKE RUNS GENERATORS



INDUSTRIAL

INDUSTRIAL GENERATORS pag.

STEAM GENERATORS

furnace with reverse flame, pressure 1 bar, temperature 120 °C	VMB	102
furnace with reverse flame, pressure 12 bar, temperature 191,5 °C	VMA	103
three real smoke runs, pressure 1 bar, temperature 120 °C	PVM B.P	104
three real smoke runs, pressure 8 - 12 bar, temperature 175,4 - 191,5 °C	PVM M.P	105
steam accumulators; steam collectors; condensate tank		106
24/72 hours KIT for partial exemption steam generators	KIT 24-72	107

OVERHEATED WATER GENERATORS

furnace with reverse flame, pressure 5 bar, temperature 120 °C	SMB	108
three real smoke runs, pressure 5 bar, temperature 120 °C	PAS.M	109

HEATING HOT WATER GENERATORS

three real smoke runs, pressure 6 bar, temperature ≤110 °C	PI.AR	110
--	-------	-----

EXPANSION VESSELS pag.

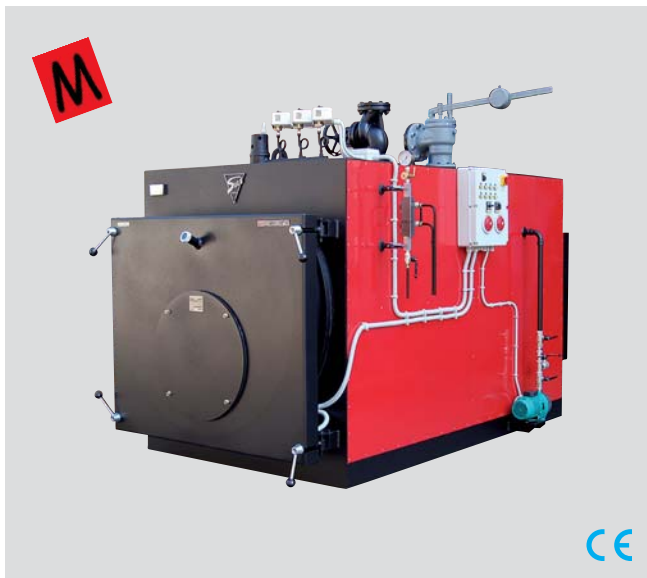
CONSTANT PRESSURE AND VARIABLE VOLUME EXPANSION VESSEL

expansion vessels at 6 bar, temperature 110 °C for heating or refrigerated water		111
expansion vessels at 5 bar, temperature 120 °C for overheated water		112
expansion vessels at 8 bar, temperature 175,4 °C for overheated water		113

WATER BOOSTER pag.

vertical galvanized or stainless steel water booster (tank only)		114
assembly water booster with regulation "R" accessories		115
assembly water booster with accessories "A" for compressor and "B" for loading air from net		116
vertical assembly water pre-booster with accessories "A" for compressor and "B" air from net		117
assembly package water booster at medium head		118
assembly package water booster at high head		119
package group with galvanized or stainless steel water pre-booster for pressurization with suction from water net (aqueduct)	GPZ - GPX	120

SPECIAL TANKS 121

M

VMB 1 bar - 120°C



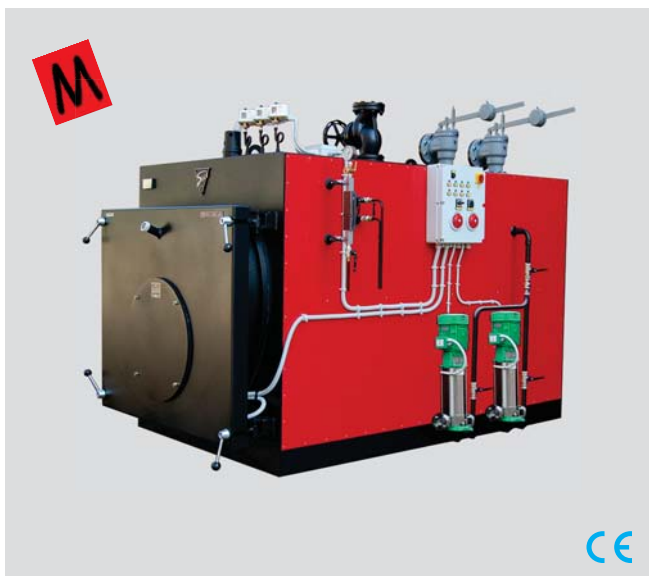
Package steam generators low pressure with reverse flame furnace

Package pressure generators tested in workshop by I.N.A.I.L. 0100 and "ASSEMBLY" approved according to European directive 97/23 CE-PED; three smoke runs, two of them in the furnace, smooth tubes with stainless steel turbolators for steam production. Working with light oil, natural gas, fuel oil. Complete of all the accessories (burner excluded) ready to use.

Excluded by I.N.A.I.L. control of the put into service .
Working pressure 1 bar - working temperature 120° C

steam

Model	Power output		Steam production with feed water at 80°C kg/h	Overall dimensions (accessories included) mm			Generator exonerated from fire brigades denunciation..	Generator subject to declaration to put into service	Generator exonerated from licensed user	Code
	kW	kcal/h		H	L	P				
VMB 100	103	88.580	157	1600	1420	2000	◆	○	★	301850100
VMB 170	174	150.000	265	1600	1420	2000	--	○	★	301850150
VMB 260	262	225.000	399	1600	1420	2140	--	○	★	301850230
VMB 370	366	315.000	557	1600	1420	2140	--	○	★	301850320
VMB 500	502	432.000	764	1700	1560	2640	--	○	★	301850430
VMB 650	635	546.000	996	1700	1560	2640	--	○	★	301850550
VMB 750	750	645.000	1141	1700	1560	2640	--	○	★	301850650
VMB 1000	1000	860.000	1522	2140	1810	3210	--	○	★	301850860
VMB 1200	1232	1.060.000	1875	2140	1810	3210	--	○	★	301851060
VMB 1400	1395	1.200.000	2000	2140	1810	3210	--	○	★	301851200



VMA



12 bar - 191,5°C

Package steam generators medium pressure with reverse flame furnace

Package pressure generators tested in workshop by I.N.A.I.L. 0100 and "ASSEMBLY" approved according to European directive 97/23 CE-PED; three smoke runs, two of them in the furnace, smooth tubes with stainless steel turbolators for steam production. Working with light oil, natural gas, fuel oil. Complete of all the accessories (burner excluded) ready to use.

Possibility to obtain partial exemption from the continuous monitoring by licensed operator mounting 24 or 72 hours KIT.

Excluded by I.N.A.I.L. control of the put into service .

Working pressure 12 bar - working temperature 191,5° C

steam

Model	Power output		Steam production with feed water at 80°C kg/h	Overall dimensions (accessories included) mm			Generator subject to declaration to put into service	Generator exonerated from continuing presence of licensed user	Code
	kW	kcal/h		H	L	P			
VMA 230	235	202.100	350	1585	1520	2045	○	□	301880230
VMA 300	308	264.880	452	1585	1520	2045	○	□	301880300
VMA 340	342	294.120	503	1585	1520	2225	○	□	301880340
VMA 440	440	378.400	646	1755	1660	2350	○	□	301880440
VMA 500	502	431.720	737	1755	1660	2350	○	□	301880500
VMA 550	545	468.700	800	1755	1660	2620	○	□	301880550
VMA 630	639	549.540	939	1755	1660	2620	○	□	301880630
VMA 680	682	586.520	1002	2060	1910	2620	○	□	301880680
VMA 750	754	659.620	1108	2060	1910	2620	○	□	301880750
VMA 900	921	792.060	1353	2060	1910	2950	○	□	301880900
VMA 1050	1047	900.420	1538	2330	2070	3050	○	□	301881050
VMA 1200	1221	1.050.060	1793	2330	2070	3050	○	□	301881200
VMA 1400	1400	1.204.000	2056	2330	2070	3400	○	□	301881400
VMA 1700	2028	1.744.080	2979	2520	2260	3950	○	□	301881700
VMA 2000	2028	1.744.080	2979	2520	2260	3950	○	□	301882000

☞ steam generators with higher Power on request

KIT FOR PARTIAL EXEMPTION		rif. page	
KIT 24	24 hours automatic control and test system for steam generator	107	891188024
KIT 72	72 hours automatic control and test system for steam generator	107	891188072

M



PVM B.P. 1 bar - 120°C

Package steam generators low pressure three real smoke runs

Package pressure generators tested in workshop by I.N.A.I.L. 0100 and "ASSEMBLY" approved according to European directive 97/23 CE-PED; three smoke runs, two of them in the smooth tubes for steam production. Working with light oil, natural gas, fuel oil. Complete of all the accessories (burner excluded) ready to use.

Excluded by I.N.A.I.L. control of the put into service.

Working pressure 1 bar - working temperature 120° C

steam

Model	Power output		Steam production with feed water at 80°C kg/h	Overall dimensions (accessories included) mm			Generator exonerated from fire brigades denunciation..	Generator subject to declaration to put into service	Generator exonerated from licensed user	Generator exonerated from continuous presence of licensed user	Code
	kW	kcal/h		H	L	P					
PVM 10	103	88.580	157	1650	1400	2030	◆	○	★	--	301800100
PVM 15	174	150.000	265	1650	1400	2030	--	○	★	--	301800150
PVM 22	244	210.000	371	1650	1400	2030	--	○	★	--	301800210
PVM 28	296	255.000	450	1650	1400	2430	--	○	★	--	301800260
PVM 35	366	315.000	557	1650	1400	2430	--	○	★	--	301800320
PVM 50	521	448.000	792	2100	1500	2700	--	○	★	--	301800450
PVM 60	622	535.000	945	2100	1500	2700	--	○	★	--	301800540
PVM 72	738	635.000	1127	2100	1500	2700	--	○	★	--	301800640
PVM 95	988	850.000	1502	2200	1750	3430	--	○	★	--	301800850
PVM 120	1232	1.060.000	1875	2200	1750	3430	--	○	★	--	301801060
PVM 136	1395	1.200.000	2000	2200	1750	3430	--	○	★	--	301801205
PVM 165	1688	1.452.000	2578	2200	1850	4030	--	○	--	□	301801450
PVM 200	2093	1.800.000	3000	2640	2360	4560	--	○	--	□	301801800
PVM 230	2326	2.000.000	3552	2720	2360	4760	--	○	--	--	301802000
PVM 290	2907	2.500.000	4440	2900	2530	5460	--	○	--	--	301802500
PVM 340	3488	3.000.000	5327	3080	2680	6250	--	○	--	--	301803000

M

PVM M.P.



8 bar - 175,4°C - 12 bar - 191,5°C

Package steam generators medium pressure three real smoke runs

Package pressure generators tested in workshop by I.N.A.I.L. 0100 and "ASSEMBLY" approved according to European directive 97/23 CE-PED; three smoke runs, two of them in the smooth tubes for steam production. Working with light oil, natural gas, fuel oil. Complete of all the accessories (burner excluded) ready to use.

Possibility to obtain partial exemption from the continuous monitoring by licensed operator mounting 24 or 72 hours KIT.

Excluded by I.N.A.I.L. control of the put into service.

Working pressure 8 bar - working temperature 175,4° C

Working pressure 12 bar - working temperature 191,5° C

steam

Model	Power output		Steam production with feed water at 80°C kg/h	Overall dimensions (accessories included) mm			Generator subject to declaration to put into service	Generator exonerated from continuing presence of licensed user	Working pressure	Code
	kW	kcal/h		H	L	P				
PVM 25	279	239.940	412	1700	1530	2380	○	□	8 bar	301820240
									12 bar	301840240
PVM 32	325	279.500	480	1700	1530	2580	○	□	8 bar	301820280
									12 bar	301840280
PVM 36	407	350.020	601	1700	1530	2830	○	□	8 bar	301820350
									12 bar	301840350
PVM 46	488	419.680	721	2020	1800	2840	○	□	8 bar	301820420
									12 bar	301840420
PVM 54	558	479.880	824	2020	1800	3140	○	□	8 bar	301820480
									12 bar	301840480
PVM 74	756	650.160	1117	2020	1800	3740	○	□	8 bar	301820650
									12 bar	301840650
PVM 95	988	849.480	1459	2550	2200	3000	○	□	8 bar	301820850
									12 bar	301840850
PVM 120	1232	1.059.520	1820	2550	2200	3200	○	□	8 bar	301821060
									12 bar	301841060
PVM 136	1395	1.200.000	2060	2550	2200	3450	○	□	8 bar	301821200
									12 bar	301841200
PVM 170	1744	1.500.000	2578	2550	2450	4400	○	□	8 bar	301821500
									12 bar	301841500
PVM 200	2040	1.755.000	3000	2550	2450	4700	○	□	8 bar	301821800
									12 bar	301841800
PVM 230	2326	2.000.000	3435	2550	2450	4950	○	--	8 bar	301822000
									12 bar	301842000
PVM 290	2907	2.500.000	4293	2850	2650	5380	○	--	8 bar	301822500
									12 bar	301842500
PVM 340	3488	3.000.000	5151	2850	2650	6080	○	--	8 bar	301823000
									12 bar	301843000

KIT FOR PARTIAL EXEMPTION

rif. page

KIT 24	24 hours automatic control and test system for steam generator	107	891188024
KIT 72	72 hours automatic control and test system for steam generator	107	891188072

STEAM COLLECTORS

Horizontal steel externally anti-rust enamelled steam collector.
Product CE approved according to P.E.D. norm 97/23/CE. - I.N.A.I.L. 0100

[Price on request](#)



CE

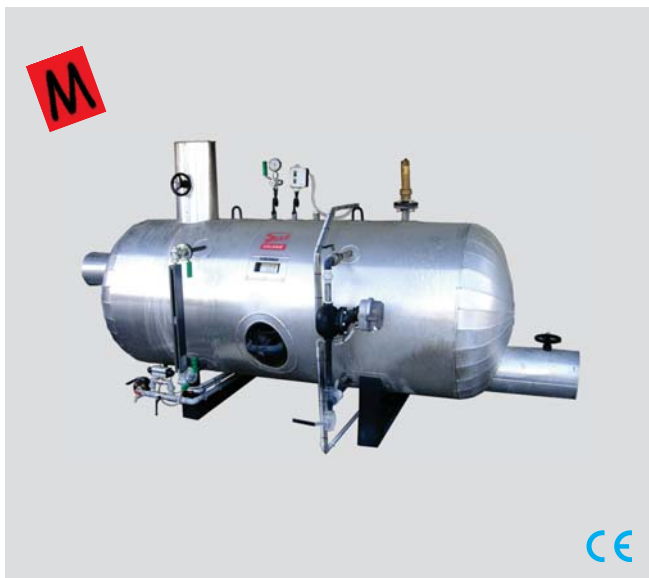
componenti per generatori di vapore

STEAM STORAGE TANK

Horizontal storage tanks, in steel, anti-rust externally enamelled. Mineral wool insulation and aluminium jacket external finishing. Complete with accessories (to be a working "assembly")

Product CE approved according to P.E.D. norm 97/23/CE. - I.N.A.I.L. 0100

[Capacity and prices on request](#)



CE

RC CONDENSATE STORAGE TANKS

Vertical and horizontal condensate storage tank, in hot bain galvanized steel, for steam installation. Atmospheric working pressure.

[Price on request](#)



CE

Tank Model	Capacity litri	Dimensions mm	
		Ø	H
RC 1000	1000	800	2230
RC 2000	2000	1100	2400
RC 3000	3000	1300	2600
RC 5000	5000	1600	2900

N.B.: different capacity on request

OPTIONAL ACCESSORIES FOR CONDENSATE STORAGE TANKS

Visual gauge with glass pipe and stainless steel protection

Thermometer

Floating cock with interception

Min. level safety electronic control with probe

Interception valves for water inlet and drain



KIT 24 - 72 hours **SILE**

For medium pressure steam generators

KIT 24 and **72 hours** enable to program the working of a medium pressure steam generator (8-12 bar) without the supervision of the licensed person for 24 or 72 hours, obtaining in this way the partial exception of continuous supervision.

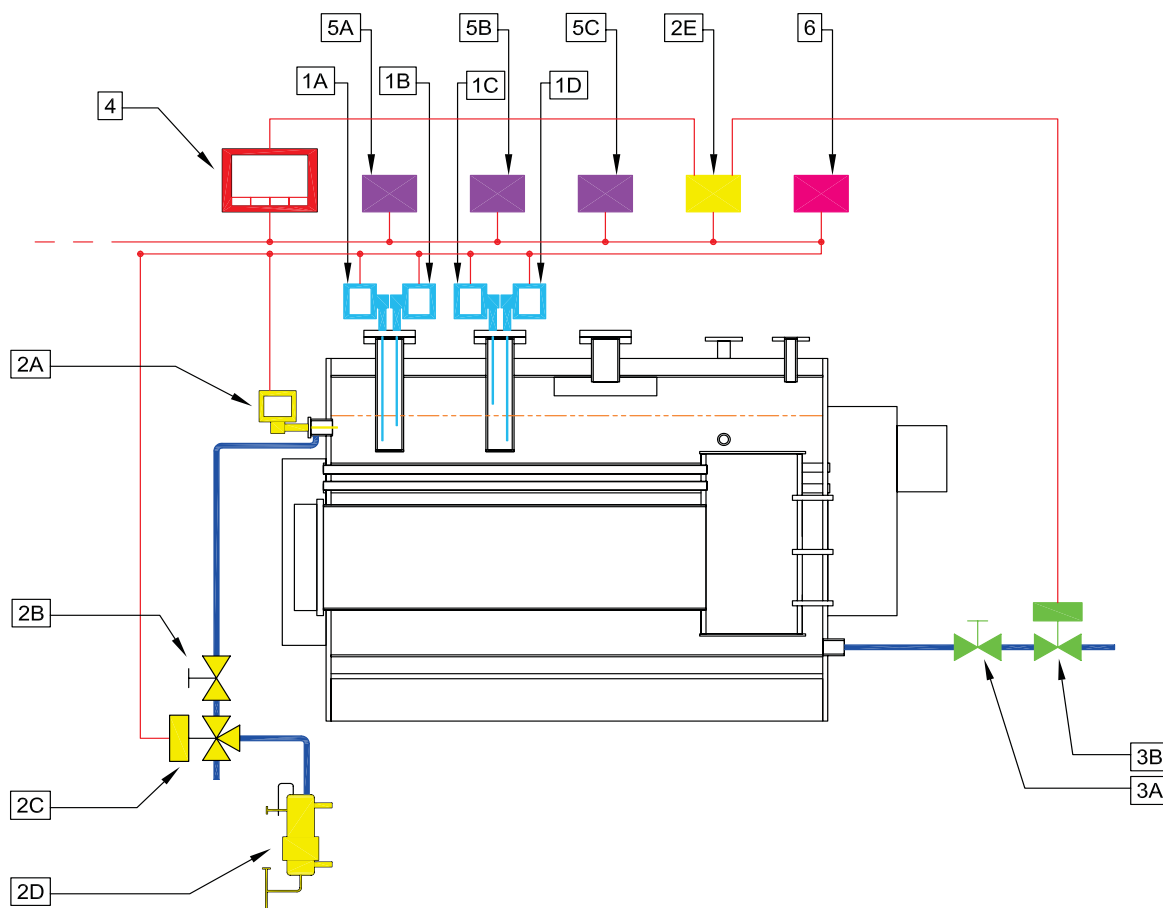
The KIT 24-72 hours consist of the safety and control assembled equipment and tested in production.

CE approved system as **ASSEMBLY** according to the European Directive 97/23 CE-PED

Kit prices on request because the generators on which are mounted have a special construction

Tipo		Code
KIT 24	24 hours automatic control and test system for steam generator	891188024
KIT 72	72 hours automatic control and test system for steam generator	891188072

KIT 72 hours application example



1) LEVEL PROBES

- 1A: first safety minimum level probe independent and self-checked
- 1B: low level pre-alarm probe
- 1C: high level pre-alarm probe with reset
- 1D: second safety minimum level probe independent and self-checked

2) SALINITY CONTROL (TDS) WITH CONTINUOUS DRAIN OR INTERMITTENT

- 2A: conductivity probe
- 2B: interception valve
- 2C: powered valve
- 2D: sample water cooler

2E: continuous salinity meter with timer for sludge drain

3) AUTOMATIC SLUDGE DRAIN

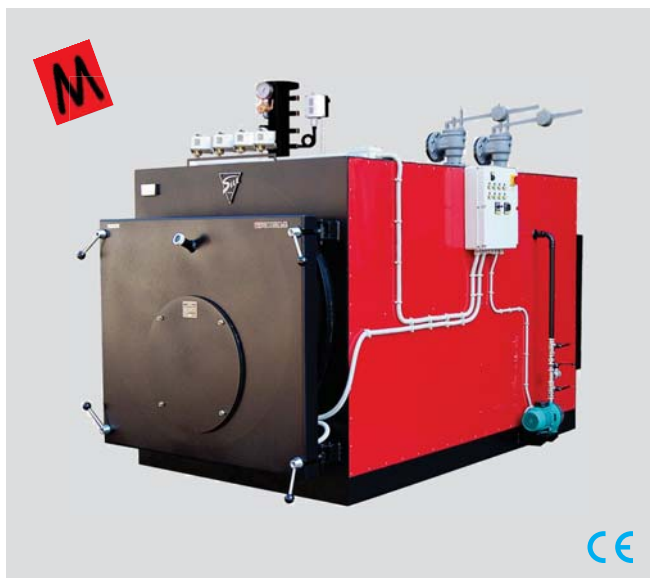
- 3A: interception valve
- 3B: powered drain valve with timer

4) DATA ACQUISITION SYSTEM FOR SUPERVISION WITH REMOTE CONNECTION

5) ELECTRONIC LEVEL CONTROL

- 5A: minimum level safety self-checked regulator
- 5B: pre-alarm low level regulator
- 5C: high level alarm with reset regulator

6) CONTROL UNIT DISPLAY

M

SMB 5 bar - 120°C



Package overheated water generators low pressure with reverse flame furnace

Package pressure generators tested in workshop by I.S.P.E.S.L. 0100 and approved according to European directive 97/23 CE-PED; three smoke runs, two of them in the furnace, smooth tubes with stainless steel turbolators, for overheated water production. Working with light oil, natural gas, fuel oil.

Complete of all the accessories (burner excluded) ready to use. Excluded by I.N.A.I.L. control of the put into service.

overheated water

Model	Power output		Overall dimensions (accessories included) mm			Generator exonerated from fire brigades denunciation	Generator subject to declaration of the put into service	Generator exonerated from licensed user	Code
	kW	kcal/h	H	L	P				
SMB 100	103	88.580	1600	1420	2000	◆	○	★	301950100
SMB 170	174	150.000	1600	1420	2000	--	○	★	301950150
SMB 260	262	225.000	1600	1420	2140	--	○	★	301950230
SMB 370	366	315.000	1600	1420	2140	--	○	★	301950320
SMB 500	502	432.000	1700	1560	2640	--	○	★	301950430
SMB 650	635	546.000	1700	1560	2640	--	○	★	301950550
SMB 750	750	645.000	1700	1560	2640	--	○	★	301950650
SMB 1000	1000	860.000	2140	1810	3210	--	○	★	301950860
SMB 1200	1232	1.060.000	2140	1810	3210	--	○	★	301951060
SMB 1400	1395	1.200.000	2140	1810	3210	--	○	★	301951200

SPECIFIC EXPANSION TANKS * 5 bar - 120 °C TO COUPLE WITH GENERATORS SMB

Capacity liters	Working pressure bar	Dimensions		Expansion connection Ø	Available expansion capacity liters	Code	
		Ø	H				
	300	5	550	1490	1 1/2"	165	713830300
	500	5	650	1750	1 1/2"	305	713830500
	800	5	800	1930	2"	500	713830800
	1000	5	800	2280	2"	640	713831000
	1500	5	1000	2250	2" 1/2"	890	713831500
	2000	5	1100	2510	2" 1/2"	1200	713832000
	3000	5	1300	2710	DN 100	1670	713833000
	4000	5	1300	3410	DN 100	2810	713834000
	5000	5	1400	3670	DN 100	3570	713835000

For galvanized tanks: Price on request. Expansion tanks subject to I.N.A.I.L. declaration to put into service.

* These SILE expansion tanks are package expansion vessel closed self-pressurized working with constant pressure and variable volume, without diaphragm, externally enamelled with antirust, fully equipped with air compressor and electrically wired, specific for coupling with overheated generators SMB because the electrical panel is dedicated for connection to generator.

Certificates CE - I.N.A.I.L. 0100 - according to European directive 97/23/CE-PED as **ASSEMBLY..**



PAS.M 5 bar - 120°C



Package overheated water generators with three real smoke runs

Package pressure generators tested in workshop by I.N.A.I.L. 0100 and "ASSEMBLY" approved according to European directive 97/23 CE-PED; three smoke runs, two of them in the smooth tubes for overheated water production. Working with light oil, natural gas, fuel oil. Complete of all the accessories (burner excluded) ready to use.

Excluded by I.N.A.I.L. control of the put into service.

overheated water

Model	Power output		Total capacity l	Overall dimensions (accessories included) mm			Generator subject to declaration of the put into service	Generator exonerated from licensed user	Code	Price €	Code
	kW	kcal/h		H	L	P					
PAS.M 10	103	88.580	860	2030	1350	1850	◆	○	--	★	301910100
PAS.M 15	174	150.000	860	2030	1350	1850	--	○	--	★	301910150
PAS.M 22	244	210.000	860	2030	1350	1850	--	○	--	★	301910210
PAS.M 28	296	255.000	995	2430	1350	1850	--	○	--	★	301910260
PAS.M 35	366	315.000	995	2430	1350	1850	--	○	--	★	301910320
PAS.M 50	521	448.000	1765	2700	1550	2100	--	○	--	★	301910450
PAS.M 60	622	535.000	1765	2700	1550	2100	--	○	--	★	301910540
PAS.M 72	738	635.000	1765	2700	1550	2100	--	○	--	★	301910640
PAS.M 95	988	850.000	3160	3430	1800	2300	--	○	--	★	301910850
PAS.M 120	1232	1.060.000	3160	3430	1800	2300	--	○	--	★	301911060
PAS.M 136	1395	1.200.000	3160	3430	1800	2300	--	○	--	★	301911205
PAS.M 165	1688	1.452.000	5200	3960	1800	2300	--	○	□	--	301911450
PAS.M 200	2093	1.800.000	5400	4450	1800	2300	--	○	□	--	301911800
PAS.M 230	2326	2.000.000	5600	4600	1970	2460	--	○	--	--	301912000
PAS.M 290	2907	2.500.000	7800	5300	2100	2550	--	○	--	--	301912500
PAS.M 340	3488	3.000.000	9400	5600	2100	2550	--	○	--	--	301913000

SPECIFIC EXPANSION TANKS * 5 bar - 120 °C TO COUPLE WITH GENERATORS PAS-M

Capacity liters	Working pressure bar	Dimensions		Expansion connection Ø	Available expansion capacity liters	Code	
		Ø	H				
	300	5	550	1490	1 1/2"	165	713830300
	500	5	650	1750	1 1/2"	305	713830500
	800	5	800	1930	2"	500	713830800
	1000	5	800	2280	2"	640	713831000
	1500	5	1000	2250	2" 1/2"	890	713831500
	2000	5	1100	2510	2" 1/2"	1200	713832000
	3000	5	1300	2710	DN 100	1670	713833000
	4000	5	1300	3410	DN 100	2810	713834000
	5000	5	1400	3670	DN 100	3570	713835000

For galvanized tanks: Price on request. Expansion tanks subject to I.N.A.I.L. declaration to put into service.

* These SILE expansion tanks are package expansion vessel closed self-pressurized working with constant pressure and variable volume, without diaphragm, externally enamelled with antirust, fully equipped with air compressor and electrically wired, specific for coupling with overheated generators PAS-M because the electrical panel is dedicated for connection to generator.

Certificates CE - I.N.A.I.L. 0100 - according to European directive 97/23/CE-PED as ASSEMBLY..



PI.AR



heated water generators $\leq 100^{\circ}\text{C}$ with three real smoke runs

Pressurized steel boilers for heated water high efficiency, industrial type with three smoke runs and two of them in the smooth tubes, with stainless steel tubulars in the second smokes run, very efficient insulation. Working with liquid and gaseous fuels.

Working pressure 6 bar - working temperature $\leq 100^{\circ}\text{C}$.

Excluded by I.S.P.E.S.L. control of the put into service .

Vertical package expansion tanks from l.300 to l. 5000 completely accessoried. Price next page.

industrial heating

Model	Power output		Exchange surface m ²	Overall dimensions (accessories included) mm			Code
	kW	kcal/h		H	L	P	
PI 188 AR	1919,0	1.650.000	61	2065	1860	4020	261661650
PI 250 AR	2558,6	2.200.000	75	2075	1860	4395	261662200
PI 314 AR	3198,3	2.750.000	95	2300	2000	4965	261662750
PI 375 AR	3837,9	3.300.000	115	2400	2130	5520	261663300

N.B.: CE KIWA approved boilers to couple with short head burners.



EXPANSION TANKS



6 bar - ≤100°C

WORKING WITH CONSTANT PRESSURE AND VARIABLE LEVEL

Expansion tanks closed self-pressurized, without diaphragm, for heated water or for cooled water ** externally enamelled antirust; to be pressurized with air or azote.

Suitable to water expansion and to keep constant pressure during the installation's working by the automatic gas charge and exhaust.

Working pressure 6 bar - working temperature ≤100 °C

Certificates CE - by O.N. I.N.A.I.L. 0100- according European directive 97/23/CE-PED the expansion tks are subjected to put into service declaration (D.M. 329 del 01/12/2004)

EXPANSION TANKS WITHOUT ACCESSORIES (tank only) 6 bar - ≤100 °C P.E.D. certified as "EQUIPMENT"

Capacity liters	Available expansion capacity *	Expansion connection Ø	Dimensions mm		Code
			Ø	H	
300	165	1" 1/2	550	1490	713850300
500	305	1" 1/2	650	1750	713850500
800	500	2"	800	1930	713850800
1000	640	2"	800	2280	713851000
1500	890	2" 1/2	1000	2250	713851500
2000	1200	2" 1/2	1100	2510	713852000
3000	1670	DN 100	1300	2710	713853000
4000	2810	DN 100	1300	3410	713854000
5000	3570	DN 100	1400	3670	713855000

* Available expansion capacity is visible on level indicator

** For use with cooled water is recommended the galvanized tank. For galvanized tanks: price on request.

NB: For different capacity and pressure request quotation.

PACKAGE EXPANSION TANKS **M** 6 bar - ≤100 °C with accessories type "A" for air loaded by compressor P.E.D. certified as working "ASSEMBLY"

Accessories series "A" (already mounted and wired on board IP54) consisting of: level indicator/s with glass and spring air safety valve protection, manometer with three way cock, thermometer, floating electrolevel control (from 300 to 1000 level control with probes), minimum level safety control with probe, two pressure switches, electric air valve, air automatic electric compressor 0,75 kW, water load electric valve with interceptions, check and filter.

Capacity	Code
300	713800300
500	713800500
800	713800800
1000	713801000
1500	713801500
2000	713802000
3000	713803000
4000	713804000
5000	713805000

PACKAGE EXPANSION TANKS **M** 6 bar - ≤100 °C with accessories type "B" for air loaded by net P.E.D. certified as working "ASSEMBLY"

Accessories series "B" (already mounted and wired on board IP54) consisting of: level indicator/s with glass and spring air safety valve protection, manometer with three way cock, thermometer floating electrolevel control (from 300 to 1000 level control with probes), minimum level safety control with probe, two pressure switches electric air valve, loading air automatic group consisting of pressure regulator with filter and manometer, check and interception valve, air inlet electrovalve, water loading electrovalve with interceptions, check and filter.

Capacity	Code
300	713800301
500	713800501
800	713800801
1000	713801001
1500	713801501
2000	713802001
3000	713803001
4000	713804001
5000	713805001

expansion tanks

EXPANSION TANKS

5 bar - 100°C

WORKING WITH CONSTANT PRESSURE AND VARIABLE LEVEL

Expansion tanks closed self-pressurized, without diaphragm, for heated water or for cooled water ** externally enamelled antirust; to be pressurized with air or azote. Suitable to water expansion and to keep constant pressure during the installation's working by the automatic gas charge and exhaust.

Working pressure 5 bar - working temperature 120 °C

Certificates CE - by O.N. I.N.A.I.L. 0100- according European directive 97/23/CE-PED the expansion tks are subjected to put into service declaration (D.M. 329 del 01/12/2004)



expansions tanks

EXPANSION TANKS WITHOUT ACCESSORIES (tank only) 5 bar - 120 °C P.E.D. certified as "EQUIPMENT"

Capacity liters	Available expansion capacity *	Expansion connection Ø	Dimensions mm		Code
			Ø	H	
300	165	1" 1/2	550	1490	713860300
500	305	1" 1/2	650	1750	713860500
800	500	2"	800	1930	713860800
1000	640	2"	800	2280	713861000
1500	890	2" 1/2	1000	2250	713861500
2000	1200	2" 1/2	1100	2510	713862000
3000	1670	DN 100	1300	2710	713863000
4000	2810	DN 100	1300	3410	713864000
5000	3570	DN 100	1400	3670	713865000

* Available expansion capacity is visible on level indicator
N.B: For different capacity and pressure request quotation.

PACKAGE EXPANSION TANKS **M** 5 bar - 120 °C with accessories type "A" for air loaded by compressor P.E.D. certified as working "ASSEMBLY"

Accessories series "A" (already mounted and wired on board IP54) consisting of: level indicator/s with glass and spring air safety valve protection, manometer with three way cock, thermometer, floating electrolevel control (from 300 to 1000 level control with probes), minimum level safety control with probe, two pressure switches, electric air valve, air automatic electric compressor 0,75 kW, water load electric valve with interceptions, check and filter.

Capacity	Code
300	713810300
500	713810500
800	713810800
1000	713811000
1500	713811500
2000	713812000
3000	713813000
4000	713814000
5000	713815000

PACKAGE EXPANSION TANKS **M** 5 bar - 120 °C with accessories type "B" for air loaded by net P.E.D. certified as working "ASSEMBLY"

Accessories series "B" (already mounted and wired on board IP54) consisting of: level indicator/s with glass and spring air safety valve protection, manometer with three way cock, thermometer floating electrolevel control (from 300 to 1000 level control with probes), minimum level safety control with probe, two pressure switches electric air valve, loading air automatic group consisting of pressure regulator with filter and manometer, check and interception valve, air inlet electrovalve, water loading electrovalve with interceptions, check and filter.

Capacity	Code
300	713810301
500	713810501
800	713810801
1000	713811001
1500	713811501
2000	713812001
3000	713813001
4000	713814001
5000	713815001

M

accessories "B"

accessories "A"



EXPANSION TANKS



8 bar - 175,4°C

WORKING WITH CONSTANT PRESSURE AND VARIABLE LEVEL

Expansion tanks closed self-pressurized, without diaphragm, for heated water or for cooled water ** externally enamelled antirust; to be pressurized with air or azote.

Suitable to water expansion and to keep constant pressure during the installation's working by the automatic gas charge and exhaust.

Working pressure 8 bar - working temperature 175,4 °C

Certificates CE - by O.N. I.N.A.I.L. 0100- according European directive 97/23/CE-PED the expansion tks are subjected to put into service declaration (D.M. 329 del 01/12/2004)

EXPANSION TANKS WITHOUT ACCESSORIES (tank only) 8 bar - 175,4°C P.E.D. certified as "EQUIPMENT"

Capacity liters	Available expansion capacity *	Expansion connection Ø	Dimensions mm		Code
			Ø	H	
300	165	DN 40	550	1490	713870300
500	305	DN 40	650	1750	713870500
800	500	DN 50	800	1930	713870800
1000	640	DN 50	800	2280	713871000
1500	890	DN 65	1000	2250	713871500
2000	1200	DN 65	1100	2510	713872000
3000	1670	DN 100	1300	2710	713873000
4000	2810	DN 100	1300	3410	713874000
5000	3570	DN 100	1400	3670	713875000

* Available expansion capacity is visible on level indicator
N.B: For different capacity and pressure request quotation.

PACKAGE EXPANSION TANKS **M** 8 bar - 175,4 °C with accessories type "A" for air loaded by compressor P.E.D. certified as working "ASSEMBLY"

Accessories series "A" (already mounted and wired on board IP54) consisting of: level indicator/s with glass and spring air safety valve protection, manometer with three way cock, thermometer, floating electrolevel control (from 300 to 1000 level control with probes), minimum level safety control with probe, two pressure switches, electric air valve, air automatic electric compressor 0,75 kW, water load electric valve with interceptions, check and filter..

Capacity	Code
300	713820300
500	713820500
800	713820800
1000	713821000
1500	713821500
2000	713822000
3000	713823000
4000	713824000
5000	713825000

PACKAGE EXPANSION TANKS **M** 8 bar - 175,4 °C with accessories type "B" for air loaded by net P.E.D. certified as working "ASSEMBLY"

Accessories series "B" (already mounted and wired on board IP54) consisting of : level indicator/s with glass and spring air safety valve protection, manometer with three way cock, thermometer floating electrolevel control (from 300 to 1000 level control with probes), minimum level safety control with probe, two pressure switches electric air valve, loading air automatic group consisting of pressure regulator with filter and manometer, check and interception valve, air inlet electrovalve , water loading electrovalve with interceptions, check and filter.

Capacity	Code
300	713820301
500	713820501
800	713820801
1000	713821001
1500	713821501
2000	713822001
3000	713823001
4000	713824001
5000	713825001

expansion tanks

WATER BOOSTER

**Certified as "EQUIPMENT"
vertical or horizontal***

Water booster in hot galvanized steel or stainless steel AISI 304

Working temperature: -10 +49°C.

Certified CE - by O.N. I.S.P.E.S.L. 0100- according European directive 97/23/CE-PED as "EQUIPMENT" without accessories.

Water booster are subjected to put into service declaration (D.M. 329 del 01/12/2004)

* Horizontal versions are produced on request

Anticondensing insulation in closed cells netlike polyethylene and external PVC cladding on request.



water booster

	Capacity	Dimensions mm		Code
		Ø	H	
6 bar	500	650	1800	703020500
	800	790	1960	703020800
	1000	790	2360	703021000
	1500	1000	2270	703021500
	2000	1100	2470	703022000
	3000	1300	2670	703023000
8 bar	500	650	1800	703040500
	800	800	1960	703040800
	1000	800	2360	703041000
	1500	1000	2270	703041500
	2000	1100	2470	703042000
	3000	1300	2670	703043000
10 bar	300	550	1500	703050300
12 bar	200	450	1550	703050200

Water booster in AISI 304 stainless steel

6 bar	500	700	1550	703070500
	1000	900	1860	703071000
	1500	1000	2230	703071500

WATER BOOSTER OPTIONAL ACCESSORIES

Group accessories certificates as provided by D.M. 329 (safety spring valve Ø1/2" P.E.D., manometer with three way cock gauge)	903980090
Level indicator with plexiglass and protection, connections Ø 1/2"	907130007
Pressure switch with IPX4D protection (scale up to 7,5 bar)	907510527
Air supply mod. MEDIO (for water booster from 200 to 500 liters)	907151013
Air supply mod. RAN (for water booster from 800 to 1000 liters)	907151006
Air supply mod. AN (for water booster from 1500 to 3000 liters)	907151004



WATER BOOSTER **SILE**

with accessories "R" already mounted

Safety valve P.E.D. certified, manometer with cock gauge, level indicator with protection, pressure switch.

**Certified as "ASSEMBLY"
vertical or horizontal***

Assembly water booster in hot galvanized steel or **stainless steel AISI 304**.

Working temperature: -10 +49°C.

Certified CE - by O.N. I.N.A.I.L. 0100- according European directive 97/23/CE-PED as working "ASSEMBLY".

The assembly are subjected to put into service declaration (D.M. 329 del 01/12/2004)

* Horizontal versions are produced on request



Capacity liters	Dimensions mm		Code
	Ø	H	
Assembly galvanized water booster at 6 bar			
500	650	1900	703120500
800	790	2060	703120800
1000	790	2460	703121000
1500	1000	2370	703121500
2000	1100	2570	703122000
3000	1300	2770	703123000
Assembly galvanized water booster at 8 bar			
500	650	1900	703140500
800	790	2060	703140800
1000	790	2460	703141000
1500	1000	2370	703141500
2000	1100	2570	703142000
3000	1300	2770	703143000
Assembly galvanized water booster at 10 bar			
300	550	1600	703150300
Assembly galvanized water booster at 12 bar			
200	450	1650	703150200
Assembly AISI 304 stainless steel water booster at 6 bar			
500	700	1670	703170500
1000	900	1980	703171000
1500	1000	2350	703171500

Anticondensing insulation in closed cells netlike polyethylene and external PVC cladding on request.

water booster

WATER BOOSTER R ASSEMBLY OPTIONAL ACCESSORIES

Pressure switch with IP44 protection (scale up to 7,5 bar)	907510527
Air supply mod. MEDIO (for water booster from 200 to 500 liters)	907151013
Air supply mod. RAN (for water booster from 800 to 1000 liters)	907151006
Air supply mod. AN (for water booster from 1500 to 3000 liters)	907151004



WATER BOOSTER

with accessories "A" and compressor
with accessories "B" by air net
Certified as "ASSEMBLY"
vertical or horizontal*

Assembly water booster in hot galvanized steel or stainless steel AISI 304.

Working temperature: -10 +49°C.

Equipped by all accessories (type "A" or "B") already mounted and complete of wiring on IP54 board.

Certified CE - by O.N. I.N.A.I.L. 0100- according European directive 97/23/CE-PED as "ASSEMBLY" working.

The assembly are subjected to put into service declaration (D.M. 329 del 01/12/2004)

* Horizontal versions are produced on request

ASSEMBLY WATER BOOSTER with accessories "A" for air loading with compressor

consisting of: air electric compressor 0,75 kW - 8 bar - 400 V three phases, vent valve compressor head V 230, air check valve, air interception cock, anti vibration connection, floating level regulator, pressure switch compressor, pressure switch, electric panel compressor, level indicator in plexiglass and protection pipe, safety valve P.E.D., manometer gauge.

Capacity liters	Dimensions mm		Code
	Ø	H	
Assembly galvanized water booster 6 bar			
500	650	1900	703220500
800	790	2060	703220800
1000	790	2460	703221000
1500	1000	2370	703221500
2000	1100	2570	703222000
3000	1300	2770	703223000
Assembly galvanized water booster 8 bar			
500	650	1900	703240500
800	790	2060	703240800
1000	790	2460	703241000
1500	1000	2370	703241500
2000	1100	2570	703242000
3000	1300	2770	703243000
Assembly galvanized water booster 10 bar			
300	550	1600	703250300
Assembly water booster AISI 304 stainless steel 6 bar			
500	700	1670	703270500
1000	900	1980	703271000
1500	1000	2350	703271500

ASSEMBLY WATER BOOSTER with accessories "B" for compressed air loading by air net

consisting of: pressure regulator with filter and manometer, air inlet valve V 230, air check valve, air interception cock, floating level regulator, electric valve pressure switch, pressure switch, electric wiring panel, level indicator in plexiglass and protection pipe, safety valve P.E.D., manometer gauge.

Capacity liters	Dimensions mm		Code
	Ø	H	
Assembly galvanized water booster 6 bar			
500	650	1900	703320500
800	790	2060	703320800
1000	790	2460	703321000
1500	1000	2370	703321500
2000	1100	2570	703322000
3000	1300	2770	703323000
Assembly galvanized water booster 8 bar			
500	650	1900	703340500
800	790	2060	703340800
1000	790	2460	703341000
1500	1000	2370	703341500
2000	1100	2570	703342000
3000	1300	2770	703343000
Assembly galvanized water booster 10 bar			
300	550	1600	703350300
Assembly water booster AISI 304 stainless steel 6 bar			
500	700	1670	703370500
1000	900	1980	703371000
1500	1000	2350	703371500

Anticondensing insulation in closed cells netlike polyethylene and external PVC cladding on request.



PRE-WATER BOOSTER

with accessories "A" with compressor
with accessories "B" by air net
Certified as "ASSEMBLY"
vertical or horizontal*

Vertical pre-water booster with hydraulic flywheel in hot galvanized steel or in stainless steel are tanks intended to feed a water lifting group working with suction pressure in water mains

Working temperature: -10 +49°C.

Equipped by all accessories (type "A" or "B") already mounted and complete of wiring on IP54 board.

Certified CE - by O.N. I.N.A.I.L. 0100 - according European directive 97/23/CE-PED as "ASSEMBLY" working.

The assembly are subjected to put into service declaration (D.M. 329 del 01/12/2004)

* Horizontal versions are produced on request

ASSEMBLY PRE - WATER BOOSTER with accessories "A" for air loading with compressor

consisting of: air electric compressor 0,75 kW - 8 bar - 400 V three phases, vent valve compressor head V 230, air check valve, air interception cock, anti vibration connection, floating level regulator, pressure switch compressor, pressure switch minimum 1 bar, electric panel compressor, level indicator in plexiglass and protection pipe, safety valve P.E.D., manometer gauge..

Capacity liters	Dimensions mm		Code
	Ø	H	
Assembly galvanized pre-water booster 6 bar			
500	650	1900	703420500
800	790	2060	703420800
1000	790	2460	703421000
1500	1000	2370	703421500
2000	1100	2570	703422000
3000	1300	2770	703423000
Assembly galvanized pre-water booster 8 bar			
500	650	1900	703440500
800	790	2060	703440800
1000	790	2460	703441000
1500	1000	2370	703441500
2000	1100	2570	703442000
3000	1300	2770	703443000
Assembly pre-water booster AISI 304 stainless steel 6 bar			
500	700	1670	703470500
1000	900	1980	703471000
1500	1000	2350	703471500

ASSEMBLY PRE - WATER BOOSTER with accessories "B" for compressed air loading by air net

consisting of: pressure regulator with filter and manometer, air inlet valve V 230, air check valve, air interception cock, floating level regulator, electric valve pressure switch, pressure switch minimum 1 bar, electrical wiring, level indicator in plexiglass and protection pipe, safety valve P.E.D., manometer gauge

Capacity liters	Dimensions mm		Code
	Ø	H	
Assembly galvanized pre-water booster 6 bar			
500	650	1900	703520500
800	790	2060	703520800
1000	790	2460	703521000
1500	1000	2370	703521500
2000	1100	2570	703522000
3000	1300	2770	703523000
Assembly galvanized pre-water booster 8 bar			
500	650	1900	703540500
800	790	2060	703540800
1000	790	2460	703541000
1500	1000	2370	703541500
2000	1100	2570	703542000
3000	1300	2770	703543000
Assembly pre-water booster AISI 304 stainless steel 6 bar			
500	700	1670	703570500
1000	900	1980	703571000
1500	1000	2350	703571500

Anticondensing insulation in closed cells netlike polyethylene and external PVC cladding on request.

pre-water booster

M

version with air by net



PACKAGE WATER BOOSTER WITH MEDIUM HEAD



Certified as "ASSEMBLY" vertical or horizontal*

Package water booster for water lifting with one or two pumps with **medium head**.

All water boosters, serial, are complete of air automatic ignition feeder for air cushions reset and keeping.

Working temperature: -10 +49°C.

Complete of accessories already mounted and wiring.

Certified CE - by O.N. I.N.A.I.L. 0100 - according European directive 97/23/CE-PED as "ASSEMBLY" working.

The assembly are subjected to put into service declaration (D.M. 329 del 01/12/2004)

* Horizontal versions are produced on request

Capacity liters	Flats number with one bathroom	Working pressure bar	Pump flow rate l/h	max. head m	Overall dimensions HxLxP mm	Code
Package galvanized water booster M.H. with one centrifugal pump (F.1016)						
200**	2+6	12	4900	43	1650x740x650	743300200
300**	10+12	10	7000	47	1600x850x750	743300300
500**	12+15	6	7000	47	1900x950x850	743300500
Package galvanized water booster M.H. with one centrifugal self-priming pump (F.1016/5)						
200	1+2	12	3300	47	1650x740x800	743340200
300	3+6	10	4500	60	1600x850x900	743340300
500	8+12	6	6500	60	1900x950x950	743340500
Package galvanized water booster M.H. with two centrifugal self-priming pumps (F.1016/6)						
200	3+6	12	6600	47	1650x1050x800	743350200
300	12+16	10	9000	60	1600x1150x900	743350300
500	18+22	6	13000	60	1900x1250x950	743350500
Package galvanized water booster M.H. with two centrifugal pumps (F.1016/9)						
200	3+15	12	9800	42	1650x1050x650	743310200
300	20+28	10	14000	47	1600x1150x750	743310300
500	28+35	6	14000	47	1900x1250x850	743310500
800	35+45	6	16000	59	2060x1400x1000	743320806
1000	45+50	6	16000	59	2460x1400x1000	743321006
1500	60+75	6	27000	89	2370x1700x1200	743321500
2000	75+85	6	27000	89	2570x1800x1300	743322000
3000	90+130	6	42000	66	2770x2000x1500	743323000
Package AISI 304 stainless steel water booster M.H. with one centrifugal pump (F.1016)						
500	12+15	6	7000	47	1670x1000x900	743500500
Package AISI 304 stainless steel water booster M.H. with one centrifugal self-priming pump (F.1016/5)						
500	8+12	6	6500	60	1670x1000x900	743540500
Package AISI 304 stainless steel water booster M.H. with two centrifugal self-priming pumps (F.1016/6)						
500	18+22	6	13000	60	1670x1000x900	743550500
Package AISI 304 stainless steel water booster M.H. with two centrifugal pumps (F.1016/9)						
500	28+35	6	14000	47	1670x1000x900	743510500
1000	45+50	6	16000	59	1980x1500x1100	743511006
1500	60+75	6	27000	89	2370x1700x1200	743511500

** Capacity of 200, 300 and 500 liters are available also V 230 single-phase (when ordering, specify voltage)

NB: For different capacity and pressure request an estimate.

Anticondensing insulation in closed cells netlike polyethylene and external PVC cladding on request.

PACKAGE WATER BOOSTER OPTIONAL ACCESSORIES

Overcharge for package water booster with air automatic compressor by 0,75 kW - 8 bar 400 V three-phases	903980001
Overcharge for package water booster with compressed air load from net.	903980000



PACKAGE WATER BOOSTER WITH HIGH HEAD



Certified as "ASSEMBLY" vertical or horizontal*

Package water booster for water lifting, capacity by l 300 to l 3.000 with one or two pumps **high head**.

All water boosters, serial, are complete of air automatic ignition feeder for air cushions reset and keeping.

Working temperature max. 49°C.

Complete of accessories already mounted and wiring.

Certified CE - by O.N. I.N.A.I.L. 0100 - according European directive 97/23/CE-PED as "ASSEMBLY" working.

The assembly are subjected to put into service declaration (D.M. 329 del 01/12/2004)

* Horizontal version are produced on request.

Capacity liters	Flats number with one bathroom	Working pressure bar	Pump flow rate l/h	max. head m	Overall dimensions HxLxP mm	Code
Package galvanized water booster H.H. with two centrifugal pumps (F.1016/7)						
300	22+30	10	15000	59	1600x1150x750	743380300
500	30+38	6	15000	59	1900x1250x850	743380500
800	45+60	6	26000	89	2060x1400x1000	743380806
1000	60+65	6	26000	89	2460x1400x1000	743381006
1500	75+85	8	34000	66	2370x1700x1200	743381500
2000	85+95	8	34000	66	2570x1800x1300	743382000
3000	100+140	8	45000	90	2770x2000x1500	743383000
Package AISI 304 stainless steel water booster H.H. with two centrifugal pumps (F.1016/7)						
500	30+38	6	15000	59	1670x1000x900	743580500
1000	60+65	6	26000	89	1980x1500x1100	743581006

** Capacity of 200, 300 and 500 liters are available also V 230 single-phase (when ordering, specify voltage)

NB: For different capacity and pressure request an estimate.

Anticondensing insulation in closed cells netlike polyethylene and external PVC cladding on request.

package water booster

PACKAGE WATER BOOSTER OPTIONAL ACCESSORIES

Overcharge for package water booster with air automatic compressor by 0,75 kW - 8 bar 400 V three-phases	903980001
Overcharge for package water booster with compressed air load from net.	903980000

M

GPZ - GPX



**Certified as "ASSEMBLY"
vertical**

Pressurization water group, package, with direct suction from water net (aqueduct) consisting of **galvanized or stainless steel AISI 304 tank with two inverter pumps** with digital control board, main control board, air compressor and safety accessories regulation 230/1 V.

The entirely preassembled system, wired and tested in factory by manufacturer, assures:

- water' sanitation by taking the water from the closed stainless steel tank - flow to the users at constant pressure at flowrate change thanks to the electronic system control of the two pumps (inverter).

Working pressure 6 bar - working temperature: -10 +49°C.

Certificates CE - by O.N. I.N.A.I.L. 0100- according European directive 97/23/CE-PED as "ASSEMBLY" working.

The assembly are subjected to put into service declaration (D.M. 329 del 01/12/2004).



Capacity liters	Delivery capacity l/h	Head max. m	Overall dimensions HxLxP mm	Code
GPZ galvanized				
500	14000	40	1900x1310x1050	743360500
1000	19000	56	2460x1460x1200	743361000
1500	19000	56	2370x1660x1400	743361500
2000	19000	56	2570x1760x1500	743362000
GPX in stainless steel AISI 304				
500	14000	40	1680x1360x1100	743570500
1000	19000	56	2040x1560x1300	743571000
1500	19000	56	2310x1660x1400	743571500

Anticondensing insulation in closed cells netlike polyethylene and external PVC cladding on request.

pressurization group

SPECIAL PRODUCTS



SILE S.p.A. has developed competences and toolings to manufacture, on request and according to the customer specifications, special made tanks in stainless steel.

Design and manufacturing according to directive 97/23/CE - P.E.D.

Price on request



Horizontal or vertical air tanks for aqueducts until 30.000 liters capacity



Vertical or horizontal expansion tank without diaphragm with insulation and external aluminium jacket finishing. Capacity until 15.000 liters



Air tanks with insulation and external aluminium jacket finishing



Package water booster with anticondensation insulation



Electric galvanized and insulated water heaters

social products

GENERAL SALE CONDITIONS

1) ORDER

All orders are accepted only with confirmation of the order remittance by SILE S.p.A., while the Customer contract represents the perfect and therefore irrevocable. The supply includes only what is explicitly specified in the order confirmation.
For products not included in current price list order payment of 30 % of the value of the order.
Be accepted order for a minimum amount of euro 200; any orders for amounts below will be processed by SILE S.P.A. with a fixed charge of euro 15 payable cash on delivery with tax payable by the recipient.

2) PRICE

The price are set by the official list in force at the time of delivery supply and not included any provision or obligation that is not explicitly specified.
Price in this list not include VAT.

3) FORWARDING

Delivery term indicated in the order confirmation is indicative and not engaged. SILE S.p.A. does not take responsibility for delays due to force.

4) COMPLAINTS

We notify the Purchaser, assuming that the one is not able to check the merchandise at the time of delivery, has to accept the merchandise subject to control and report the defects to the carrier within eight days from receipt the same. The purchaser will also provide for the removal of merchandise ex works by own appointed people.
All complaints must be made to the SILE S.p.A. by raccomandata within eight days of receipt of the material.
SILE S.P.A. reserves the right to accept returns compared to products that are defective and under warranty.
The conditions of return are "carriage paid".

5) FORUM COMPETENT

For any judicial dispute, nothing excluded, forum competent will be in Treviso - Italy.

6) WARRANTY

According to rule in force. The warranty decline when the user does not observe the installation indication, use, maintenance and everything is reported in manual instruction.
SILE S.P.A. will not be responsible for defects resulting from wrong installation or improper use of products "buying and selling".

All products are accompanied the instruction manual. Read the instruction carefully before using any apparatus

The technical data in this list are indicative, SILE S.p.A. reserves the right to change, without notice, any changes that considers appropriate for the evolution of its product.

SILE S.p.A. is in possession of identifying information relating to you.

The complete information on processing of data provided by Legislative Decree 96/2003 can be viewed on our website www.sile.it

Please note that you can oppose the treatment at any time by sending written notice to our address: SILE S.p.A. Via Principale 41 - 31030 Casier (TV) or by fax al n. 0422/340425.

You can also exercise your right under art. 7 Legislative Decree n. 196/2003 (including rights of access, rectification, modification or cancellation).

SALE AGENCY (● with depot)
PIEMONTE - VAL D'AOSTA
Province di Torino, Vercelli, Novara, Aosta, Biella, Verbania
● R.T.I.R. S.n.c. di Baragiotta Ugo & C.

Via Cavour, 42/A - 13052 GAGLIANICO (BI)
Tel. 015 2544394 - Fax 015 2544374
E-mail: info@acquatec.com

Provincia di Cuneo
● AGENZIA FUTURCLIMA S.r.l.

Via Villafalletto, 9/B - 12020 MADONNA DELL'OLMO (CN)
Tel. 0171 412812 - Fax 0171 411916
E-mail: info@agenziafuturclima.it - tecnico@agenziafuturclima.it

LOMBARDIA
Province di Milano, Varese, Como, Sondrio, Pavia, Lodi, Lecco
● SOCIETÀ LUTI di Luti Raffaella & C. S.n.c.

Via Palermo, 27 - 20090 ASSAGO (MI)
Tel. 02 87238250 (r.a.) - Fax 02 8136907
E-mail: info@agenzialuti.it

Province di Brescia e Bergamo
● ERRECI S.r.l.

Via Narciso Bronzetti, 26 - 25080 VIRLE T.P.-REZZATO (BS)
Tel. 030 2592561/2592557 - Fax 030 2592557
E-mail: info@errecisrl.it

LIGURIA
PAOLO DELLE PIANE

Via Vittorio Poggi, 3/12 - 17100 SAVONA (SV)
Tel./Fax 019 809017 - Cell. 348 3024589
E-mail: paolaferrero61@gmail.com

TRENTINO ALTO ADIGE
● CHIZZALI CESARE & C. S.n.c.

Via del Vigneto, 19 - 39100 BOLZANO
Tel. 0471 930158 - Fax 0471 513078 - Cell. 335 6422133
E-mail: chizzali@pass.dnet.it

VENETO
Province di Belluno, e Primiero
● WARM AGORDINO S.r.l. - Fontanive Sandro

Loc. Valcozzena, 48 (Z.I.) - 32021 AGORDO (BL)
Tel. 0437 640077/62018 - Fax 0437 63620
E-mail: info@warmagordino.it

Province di Treviso, Vicenza e S. Donà di Piave, Cittadella
● LAZZARINI MARTINO & C. S.a.s.

Via A. Fontana, 5 loc. Solighetto - 31053 PIEVE DI SOLIGO (TV)
Tel. 0438 82177 - Fax 0438 82650
E-mail: lazzarinimartino@tin.it

Treviso e provincia
● VITTORIO SILVIO

Via G. Zanella, 21 - 31100 TREVISO
Tel. 0422 301281 / 302628 - Fax 0422 305223
E-mail: racovitsas@tin.it

Province di Padova, Venezia
● JNTERTECHNO di Bortolamei R. & C. S.n.c.

Via dell'Industria, 2 - 30031 ARINO di DOLO (VE)
Tel. 041 5101260 r.a. - Fax 041 410342
E-mail: roberto@jnter techno.it

FRIULI VENEZIA GIULIA
Province di Udine, Trieste, Gorizia
● TECNOCLIMA UDINE S.r.l.

Via Tavagnacco, 98 - 33100 UDINE
Tel. 0432 545425 r.a. - Fax 0432 42077
E-mail: tecnoclima@tecnoclimaudine.it

EMILIA ROMAGNA e LOMBARDIA
Province di Piacenza, Parma, Reggio Emilia e Cremona, Mantova
TECNOCONSULT S.n.c. di Molinari E. e Cantarelli D.

Strada Baganzola, 29 - 43100 PARMA
Tel. 0521 943654 - Fax 0521 294646
Cell. 335 7216226 (Molinari) - 335 5201286 (Cantarelli)
E-mail: tecnocon3@tecnoconsultsnc.191.it

Province di Bologna, Ferrara, Modena
● ALBONI ALESSANDRO

Via Masetti, 14 - 40033 CASALECCHIO DI RENO (BO)
Tel. 051 5872330 - Fax 051 6131092 - Cell. 348 2233638
E-mail: a.alboni@fastwebnet.it

Province di Ravenna, Forlì, Rimini e Rep. San Marino
ROSSI ROBERTO

Via Savio, 156 - 47023 CESENA (FC)
Tel. 0547 330169 - Fax 0547 600879 - Cell. 335 7119955
E-mail: rossirappresentanze@tiscali.it

TOSCANA
● F&B Rappresentanze

Via S. Gervasio, 19 - 50131 FIRENZE
Tel. 055 5058328 - Fax 055 3928869 - Cell. 335 8144770
E-mail: andreabei@alice.it
Deposito c/o Corriere VETOS s.r.l.
Via di Pratignone, 58 - CALENZANO (FI)

MARCHE
● CIUFFREDA RODOLFO

Via Piemonte, 10 - 60015 FALCONARA MARITTIMA (AN)
Tel. 071 9160153 - Fax 071 9160153
E-mail: ciuffreda.r@libero.it

UMBRIA
● SCARDABOZZI LUIGI

Strada dei Loggi, 7 A5 - 06089 PONTE SAN GIOVANNI (PG)
Tel. 075 393763 - Fax 075 5990470
E-mail: scardabozzi@iol.it

LAZIO
● ART Agenti Rappresentanze Termotecniche

Via Vito Giuseppe Galati, 88 - 00155 ROMA
Tel. 06 40801401 - Fax 06 40814770
E-mail: artsr@fastwebnet.it

CAMPANIA
Province di Benevento, Salerno, Caserta
● DIMA FLUID di DI MARTINO Rappresentanze

Via Carmiano, 89 - 80054 GRAGNANO (NA)
Tel./Fax 081 5136174
E-mail: dimafl@tin.it

Provincia di Napoli
● EMMECOMFORT

Via Arno, 36 - 80126 NAPOLI
Tel. 081 643031 - Fax 081 7145852
E-mail: mcomfortsr@libero.it

PUGLIA
Province di Bari, Foggia
● ZAZZERA TECNOLOGIE S.r.l.

Via dei Faggi, 8 - 70124 MODUGNO (BA)
Tel. 080 5054011 - Fax 080 5061301
E-mail: zazzera@zazzera.it - giuseppechiapperini@zazzera.it

Province di Brindisi, Taranto, Lecce
DI MASI GIOVANNI

Via Francesco Valente, 48 - 70013 CASTELLANA GROTTA (BA)
Tel. 080 4967671 - Fax 080 5061301
E-mail: gdimasi1956@libero.it

CALABRIA
Province di Cosenza e Crotona
● FRIGOMAR S.n.c.

Via della Civiltà, 10 - 87027 PAOLA (CS)
Tel./Fax 0982 613040
E-mail: raffa.cf@tiscali.it

Province di Catanzaro, Vibo Valentia, Reggio Calabria
QUATTRONE ADOLFO

Via Giovanni XXIII, 24 - 88100 CATANZARO
Tel. 0961 726626 - Cell. 335 8330108
E-mail: aquattrone@virgilio.it

SICILIA
Province di Messina, Catania, Enna, Siracusa, Ragusa
● ARICO' GIOVANNI

Via Risorgimento is. 76 - 98123 MESSINA
Tel. 090 2921204 - Fax 090 6511044 - Cell. 347 0922228
E-mail: giovanni.arico@tin.it

Province di Palermo, Trapani, Agrigento
● ABBATE MARCELLO - Rappresentanze termotecniche

Via Quarto dei Mille, 9 - 90129 PALERMO
Tel./Fax 091 201295
E-mail: marcelloabbate76@gmail.com



Italian product



SILE S.P.A. INDUSTRIE COSTRUZIONI TERMOIDRAULICHE

via Principale, 41 - 31030 CASIER (TV) - Italy
Tel. 0422 672911 - fax 0422 340425

www.sile.it - infosile@sile.it